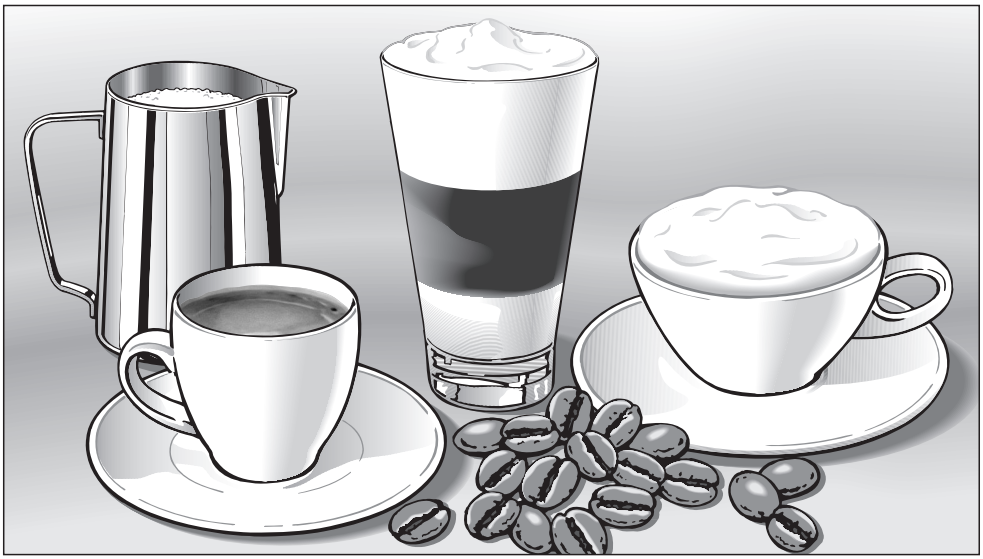
Miele

Operating and installation instructions



Built-in coffee machine
CVA 6805 (C)

To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en - GB

M.-Nr. 09 549 930

Caring for the environment

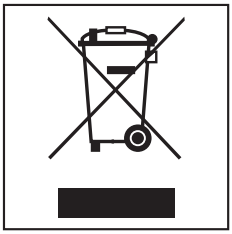
Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

Disposal of your old machine

Electrical and electronic machines often contain valuable materials. They also contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your machine. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection/recycling centre, or contact your Dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

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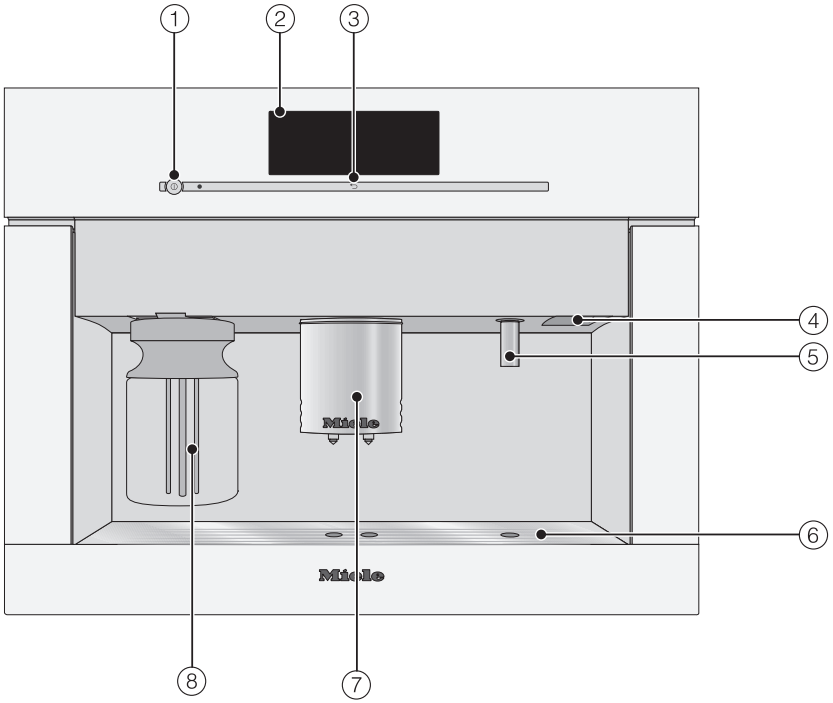
Guide to the machine

Exterior view



1 On/Off sensor ⏻

2 Touch display

3 "Back" ⮌ sensor

4 Handle

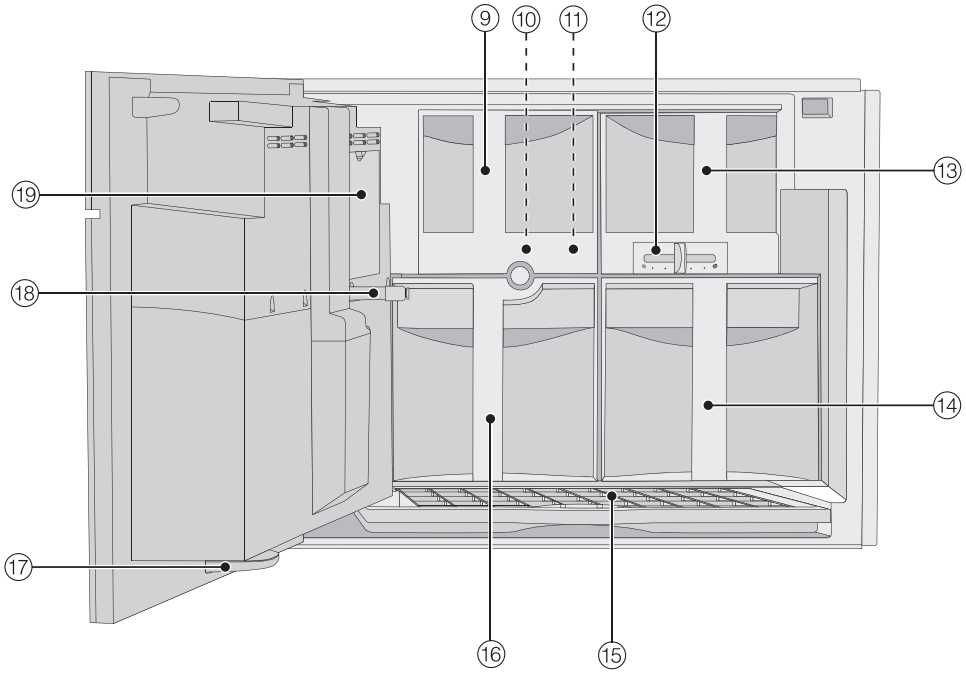
5 Hot water spout

6 Drip tray cover

7 Central spout with lighting and automatic height adjustment

8 Milk flask and lid

Interior view



⑨ Ground coffee chute cover

⑩ Brew unit

⑪ Ground coffee chute

⑫ Slide control to select fineness of ground coffee

⑬ Coffee bean container

⑭ Water container with inlet device

⑮ Drip tray with grid

⑯ Waste container

⑰ Drip catcher

⑱ Central spout connector

⑲ Service panel

Accessories

Accessories supplied

– **Measuring spoon**
for ready ground coffee

– **Milk flask with lid**
for storing and heating/frothing milk

– **Milk pipework cleaner**
for cleaning the milk system
(Starter set)

– **2 containers** (large and small)
for cleaning and maintenance

– **Descaling tablets**
for descaling the water pipework
(Starter set)

– **Cleaning tablets**
for degreasing the brew unit
(Starter set)

– **Test strips**
for determining the water hardness level

– **Cleaning brush**
for cleaning the milk pipework

– **Silcone grease**
for lubricating the cap on the central spout connector

– **Central spout connector cap**

– **Angled connector for milk pipework**
Replacement part

Optional accessories

Miele accessories and cleaning and conditioning products are available for your coffee machine.

– **Microfibre cloth**
for removing finger marks and light soiling

– **Milk flask with lid**
for storing and heating/frothing milk

– **Small lid**
for storing the milk flask in the fridge

– **Milk pipework cleaner**
for cleaning the milk system

– **Descaling tablets**
for descaling the water pipework

– **Cleaning tablets**
for degreasing the brew unit

– **Silcone grease**
for lubricating the cap on the central spout connector

These products and other useful accessories can be ordered via the internet, from Miele (see back cover for contact details) or from your Miele dealer.

www.miele-shop.com

This coffee machine complies with all statutory safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the machine, please read these instructions carefully before using it for the first time. They contain important information on installation, safety, use and maintenance.

Miele cannot be held liable for damage caused by non-compliance with these instructions.

Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner.

Correct application

▶ This coffee machine is intended for use in domestic households and similar working and residential environments. It is not intended for outdoor use.

▶ It must be used as a domestic appliance and only to make espresso, cappuccino, latte macchiato etc.
Any other use is not permitted.

▶ The coffee machine can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they are supervised whilst using it, or have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.

Safety with children

⚠ The spouts present a danger of burning or scalding. Children's skin is very sensitive and reacts to hot temperatures. Do not allow them to touch hot components of the coffee machine or to place any part of their body under the spouts.

▶ Install the coffee machine where it is out of the reach of children.

▶ Children under 8 years of age must be kept away from the machine unless they are constantly supervised.

▶ Children 8 years and older may only use the machine unsupervised if they have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.

▶ Children must not be allowed to clean the coffee machine unsupervised.

▶ Please supervise children in the vicinity of the coffee machine and do not allow them to play with it.

Remember that coffee and espresso are not suitable drinks for children.

▶ Danger of suffocation. Packaging, e.g. plastic wrappings, must be kept out of the reach of babies and children. Whilst playing, children could become entangled in packaging or pull it over their head and suffocate.

Technical safety

▶ Installation and repairs may only be carried out by a Miele authorised service technician. Installation, repairs and other work by unqualified persons can cause considerable danger to users. The manufacturer cannot be held liable for unauthorised work.

▶ A damaged coffee machine could be dangerous. Before building in the machine, check it for any externally visible damage. Do not use a damaged machine.

▶ To avoid the risk of damage to the machine, make sure the connection data (voltage and frequency) on the data plate corresponds to the household supply, before connecting the machine to the mains supply. Consult a qualified electrician if in any doubt.

▶ The electrical safety of this machine can only be guaranteed if correctly earthed. It is essential that this standard safety requirement is met. If in any doubt, please have the electrical installation tested by a qualified electrician.

▶ Do not connect the machine to the mains electrical supply by a multi-socket adapter or an extension lead. These are a fire hazard and do not guarantee the required safety of the machine.

▶ For safety reasons, this machine may only be used when it has been built in.

▶ If the coffee machine is to be built in above another appliance, there must be a full-width, closed shelf between them (except when it is combined with a Miele built-in plate or food warming drawer).

▶ The coffee machine must not be used in a non-stationary location (e.g. on a ship).

▶ The second electrical connection socket on the back of the machine may only be used for connecting a Miele EGW 4000-29, EGW 5000-14 plate warming drawer or an ESW 6x14, ESW 6x29 food warming drawer.

▶ Only use the coffee machine in rooms where the ambient temperature is between +10 °C and +38 °C.

▶ Ensure that there is sufficient ventilation around the coffee machine. The ventilation gaps in the furniture housing unit and the gap between the top of the housing unit and the ceiling must be at least 200 cm^2. Otherwise condensation can build up and damage the machine or the housing unit.

▶ If the coffee machine is installed behind a kitchen furniture door, it may only be used with the furniture door open. Do not close the furniture door while the coffee machine is in use.

▶ To avoid the risk of damage, please note the following regarding connection to the mains water supply:

– The coffee machine must only be connected to a cold water supply.
– The stopcock must be accessible after the machine has been built-in.
– The protective sleeve of the water inlet hose must not be damaged or become kinked.

▶ The integrated water protection system offers protection from water damage, provided the following conditions are met:

– The coffee machine is correctly installed, connected to the electrical supply and plumbed in.

– If a fault is identified, the machine must be repaired immediately.

– The stopcock is turned off when the machine is not used for a longer period of time (e.g. during holidays).

▶ While the machine is under guarantee, repairs should only be undertaken by a Miele authorised service technician. Otherwise the guarantee is invalidated.

▶ Miele can only guarantee the safety of the machine when original Miele replacement parts are used. Faulty components must only be replaced by genuine Miele original spare parts.

▶ The machine must be disconnected from the electrical supply during installation and repair work.

▶ Do not open the outer casing of the machine. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.

▶ Only use genuine original Miele accessories with this machine. Using spare parts or accessories from other manufacturers will invalidate the guarantee, and Miele cannot accept liability.

▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the guarantee.

Correct use

⚠ The spouts present a danger of burning or scalding.
The liquids and steam dispensed are very hot.
Water in the drip tray can also be very hot. Take great care when emptying it.

Please note:

– Keep well away from the area underneath the spouts when hot liquids and steam are being dispensed.
– Do not touch hot components.
– The spouts can spray hot liquid or steam. Make sure that the central spout is clean and that it is fitted correctly.

⚠ Never look directly at the lighting or use optical instruments to look at it.

▶ The machine must not be used for cleaning objects.

▶ Clean the coffee machine and the milk flask thoroughly before using for the first time. Rinse through the coffee and milk pipework (see "Cleaning and care").

▶ Please note the following regarding water:

– When using the water container: Only use cold, fresh tap water to fill the water container. Hot water and other liquids could damage the machine.

– Change the water every day to prevent a build-up of bacteria. If the machine is connected to the mains water supply: Empty the water container once a day.

– Do not use mineral water. Mineral water will cause serious limescale deposits to build up in your machine and damage it.

– Do not use water from a reverse osmosis unit in this machine. This would damage it.

▶ Only fill the bean container with roasted espresso/coffee beans. Do not fill the bean container with coffee beans which have been treated with additives or with ground coffee.

▶ Sugar will damage the machine. Only use pure coffee beans. Do not use coffee beans which have been treated with anything containing caramel, any kind of sugar or other substances. Do not put liquids containing sugar in the coffee machine.

▶ Only add ground coffee or the Miele cleaning tablets for degreasing the brew unit to the ground coffee chute.

▶ Do not use milk with additives. Sugar additives will stick to the milk pipework and damage the coffee machine.

▶ If using animal milk, use only pasteurised milk.

▶ Do not place any alcohol mixtures which are alight underneath the central spout. The flames could ignite plastic components and cause them to melt.

▶ Do not swing from or hang anything on the machine front when it is open as this could damage the machine.

▶ Please note the following with regard to cleaning the coffee machine:

– Always disconnect the coffee machine from the electrical supply before cleaning.
– Clean the coffee machine and the milk flask every day (see "Cleaning and care" for more information).
– Do not use a steam cleaner to clean the machine. Steam could reach electrical components and cause a short circuit.
– Descale the coffee machine regularly using the appropriate number of Miele descaling tablets for the water hardness level in your area. Descale the machine more frequently in areas with very hard water. Miele cannot be held liable for damage arising from insufficient descaling.
– Degrease the brew unit regularly with Miele cleaning tablets. Depending on the natural oil content of the coffee used, the brew unit can become blocked quite quickly.

▶ The central spout connector cap is lubricated with silicone grease. Take care not to get this on your clothes when removing or replacing the containers or other components.

For machines with stainless steel surfaces:

▶ Do not use sticky notes, transparent adhesive tape, masking tape or other types of adhesive on stainless steel surfaces. These damage the surface, causing it to lose its dirt repellent protective coating.

▶ The finish on stainless steel surfaces is susceptible to scratching. Even magnets can cause scratching.

Touch display

The coffee machine is operated by finger tip contact.

Touching the Touch display with your finger creates a tiny charge which releases an electrical impulse. This impluse is picked up by the Touch display.

It is possible for the Touch display not to react to your finger contact if your fingers are cold.

Do not use pointed or sharp objects, e.g. pens to operate the Touch display as they can damage the surface.
The Touch display will also not react to being tapped by such objects.

Do not let water get behind the Touch display.

Screen

The screen is organised into three areas:

The top line shows you where you are in a menu. Touching the name of the menu you want will open the menu. Touching "..." will return you to the menu above. The time of day is displayed on the right hand side.

The control field in the middle: The current menu and options are displayed there. The < and > arrows are used to scroll to the right or left and to select various actions.

Using the bottom line you can go to the menus displayed by touching the appropriate grey field.

The number of boxes in the middle indicates the number of available pages in the current menu.

Operation

Each touch of an available option changes the relevant field to **orange**.

Selecting or calling up a menu

- Touch the field you want once with your finger.

Scrolling

- Swipe the screen, i.e. place your finger on the Touch display and swipe it in the direction you want.

You can scroll to the right or the left. Some options allow you to scroll up and down too.

- Touch the < and > arrows to scroll to the left or right.

Exiting a menu (⮌ sensor)

Touch the ⮌ sensor to revert to the previous screen. Entries made before this which have not been confirmed with "OK" will not be saved.

Touching the ⮌ sensor three times in succession will take you to the drinks menu. Touching the "Back" ⮌ sensor in the "Profile" menu will take you step by step back to the beginning.

Entering numbers using the numerical keypad ⊞

You can enter numbers by swiping and touching the roller or via the numerical keypad.

Wait until the roller goes grey again. The entered setting will not be saved until it goes grey.

- Touch ⊞.

The numerical keypad will appear.

■ Touch the numbers you want.

When you enter a valid number the "OK" field will go green.

■ Touch "OK".

Entering letters

Profile names or the names for your own drinks are entered using a keyboard. It is best to select short names.

■ Touch the letters or characters you want.

■ Touch "Save".

The following symbols can appear in addition to the text and the drinks symbols:

	Settings, e.g. the brightness of the display or the volume of the buzzer and keypad tones, are selected via a bar chart.
i	This indicates information and instructions about operating the coffee machine. Confirm the messages with "OK".
	The system lock is active (see "Settings - Locking the coffee machine (System lock)").: The coffee machine cannot be operated.
	The timer is activated for "Switch on at" (see "Settings – Timer"). The symbol and the desired switching-on time appear in the display 23:59 hours before the coffee machine is due to switch on, as long as "On" or "Night dimming" is selected for the time display.
	This symbol appears while the milk pipework is being cleaned. (The symbol is also on the water container: fill the water container up to this symbol).
	This symbol appears while the descaling process is being carried out. (The symbol is also on the water container: fill the water container up to this symbol).

Please read the operating instructions carefully and take the time to familiarise yourself with the coffee machine before using it for the first time.

Before using for the first time

- The machine must be correctly installed and connected (see "Electrical connection" and "Installation") before it is used for the first time.
- Remove any protective foil.

Clean the coffee machine thoroughly (see "Cleaning and Care") before filling it with water and coffee beans.

Switching on for the first time

When you switch the coffee machine on for the first time, after the welcome screen has appeared you will be prompted to set the following:

– Language

– Date

– Time (of day)

– Display (Time (of day) display)

- Touch the On/Off sensor ⏻.

The welcome message "Miele - Willkommen" will appear in the display briefly.

Selecting the language

- Touch the language you want and then "OK".
- Touch the country you want and then "OK".

The setting is now saved.

Setting the date

- Swipe the "Day" field in the display until the current day appears.
- Repeat this for "Month" and "Year", until the current date has been set.
- Touch "OK".

The setting is now saved.

Setting the time (of day)

- Swipe the "Hours" field in the display until the number for the current hour appears.
- Repeat this for "Minutes", until the current time of day has been set.
- Touch "OK".

The setting is now saved.

Display

You can choose from the following options:

– **On**: the display will always show the date and time (even when the machine is switched off).

– **Off**: the display is dark when the machine is switched off.

– **Night dimming**: the date and time are only displayed between the hours of 5:00 and 23:00.

■ Touch the option you want and then "OK".

The coffee machine will use more energy depending on the option you choose for the display. Information about this will appear in the display.

"Set-up successfully completed" will appear in the display.

"Fill and replace the water container" will appear in the display.

■ Fill the water container with fresh, cold tap water.

Tip: Please continue to work though the further steps outlined in the operating instructions so that you can familiarise yourself with the coffee machine and set it up for your specific requirements.

Water hardness

The water hardness level indicates how much calcium is dissolved in the water. The higher the calcium content, the harder the water, and the harder the water, the more often the coffee machine will need to be descaled.

The coffee machine measures the quantity of water and steam used. The number of drinks which can be dispensed before the machine needs to be descaled will depend on the water hardness level set.

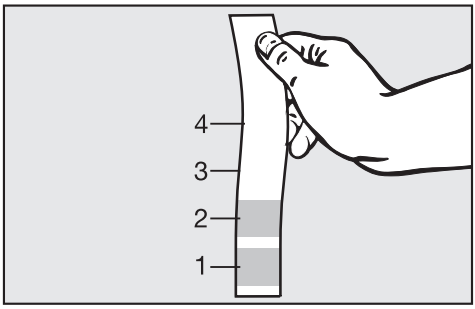
Set the water hardness level on the coffee machine to the water hardness level for the local area to ensure that the machine functions correctly and is not damaged. This will ensure that the reminder to descale the machine will appear in the display at the correct time.

The machine has four programmable levels:

Water hardness	Local water hardness level	Setting (Hardness level)
0 - 8.4 °dH (0 -1.5 mmol/l)	Soft	Soft 1
8.4 - 14 °dH (1.5 - 2.5 mmol/l)	Medium	Medium 2
14 - 21 °dH (2.5 - 3.7 mmol/l)	Hard	Hard 3
more than 21 °dH (more than 3.7 mmol/l)	Hard	Very hard 4

Checking the water hardness level

You can use the test strip supplied to check the water hardness level, or your local water supplier will be able to advise you on the hardness of the water in your area.



- Dip the test strip in your drinking water for a second, then shake off any excess water. The result will be evident after about a minute.

You can now set the water hardness level for the coffee machine.

Setting the water hardness level

- Touch "Settings" .
- Swipe the display until "Water hardness" appears and then touch this.
- Touch the hardness level you want and then "OK".

The setting is now saved.

Filling the water container

If the machine is plumbed into the mains drinking water supply, the water container will fill automatically as soon as the machine is switched on.

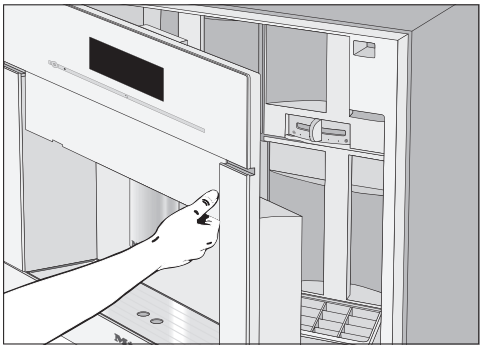
The inlet device on the lid of the water container ensures that the water is taken in slowly.

You can also fill the water container manually if you are not using the plumbed in water supply.

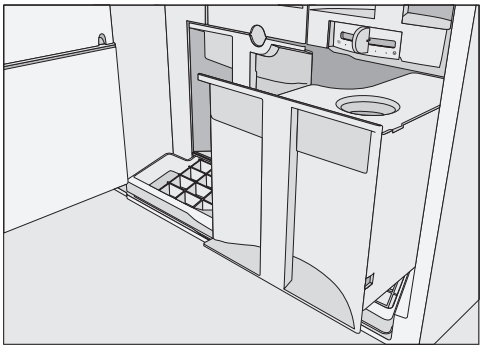
⚠ Bacteria can cause infection. It is important to empty and fill the container with fresh tap water **every day** to avoid the risk of bacteria building up.

If filling the water container manually:
Only use fresh, cold tap water. Hot or warm water or other liquids could damage the coffee machine.

Do not use mineral water. Mineral water will cause serious limescale deposits to build up in your machine and damage it.



- Open the front of the coffee machine.



- Pull the water container forwards to remove it.
- Take off the lid and fill the water container with fresh, cold tap water up to the "max." mark.
- Push the water container into the machine until it clicks into place.

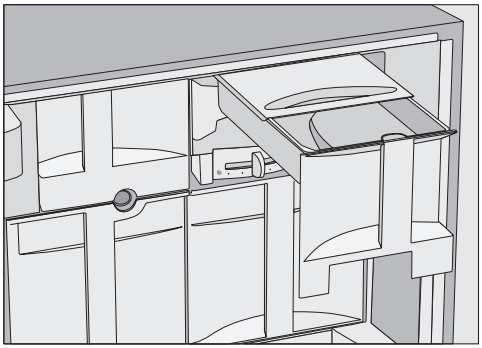
If the water container protrudes slightly or is a little high, check whether the surface that the water container sits on is dirty. If the water container is not positioned correctly, the outlet valve will not connect properly and could leak. Clean the surface, if necessary.

If you want to use freshly ground coffee beans for each cup of espresso or coffee, fill the coffee bean container with roasted coffee beans.

Alternatively, you can make coffee or espresso with ready ground coffee (see "Making coffee or espresso using ready ground coffee").

Warning. Only put roasted espresso/coffee beans in the container.
Anything else, including ground coffee, will damage the grinder.

Warning. Sugar will damage the coffee machine.
Do not use coffee beans that have been treated with sugar, caramel, or other substances and do not put liquids containing sugar in the coffee bean container.



- Pull out the coffee bean container.
- Push back the lid and fill the container with roasted coffee beans.
- Slide the lid back into place,
- Push the coffee bean container fully back into the coffee machine. Close the front.

Switching on

When the machine is switched on it heats up and rinses out the pipework. This cleans and heats the pipework in preparation for making coffee.

If the coffee machine still has an operating temperature higher than 60 °C, then rinsing will not take place.

■ Touch the On/Off sensor ⏻.

Tip: If you do not want the water from the rinsing process to flow into the drip tray, place a suitable container, e.g. the small container supplied, underneath the central spout before making the first coffee of the day.

At first "Heating-up phase" will appear in the display and once the coffee machine has heated up, "Appliance rinsing" will appear. Hot water will be dispensed from the central spout.

You can now make drinks.

Switching off

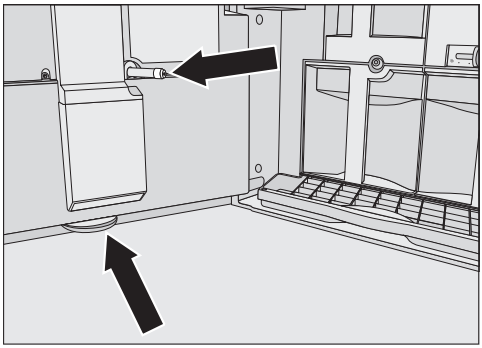
■ Touch the On/Off sensor ⏻.

If coffee has been dispensed, the coffee machine will rinse the coffee pipework automatically before switching off.

Switching off for longer periods of time

If the machine is not going to be used for a longer period of time, e.g. whilst on holiday:

■ Empty the drip tray, the waste container and the water container.



■ Clean all components thoroughly, including the brew unit, the central spout connector and the drip catcher in the machine front.

■ Switch off the machine.

If you are leaving the front open while the coffee machine is not in being used for a long time, disconnect it from the mains to save energy.

The central spout **cannot** be adjusted manually.

The coffee machine senses the height of the cup or glass being used. When a drink has been selected the central spout moves automatically to the optimum height before dispensing the drink.

Make sure that there is not a spoon or similar item in the cup. This would prevent the coffee machine from sensing the cup height correctly.

You can switch off spout adjustment. The central spout will then remain in the upper position while the coffee machine is switched on. When a maintenance programme is being carried out the central spout will move to the height of the cleaning containers or into a maintenance position.

When the coffee machine is switched off the central spout will be in a middle position.

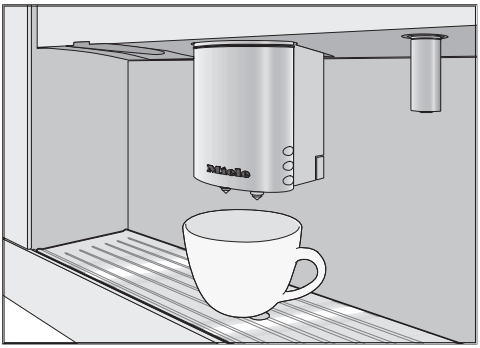
Switching spout adjustment on or off

- Touch "Main menu" or the ⮌ sensor.
- Touch "Settings" .
- Swipe the display until "Spout adjustment" appears and then touch this.
- Touch the setting you want in order to switch the spout adjustment on or off.
- Touch "OK".

The setting is now saved.

Espresso, Coffee or Long coffee

These drinks are in the drinks menu.



- Place a cup under the central spout.
- Touch Espresso, Coffee or Long coffee.

The coffee or espresso will be dispensed from the central spout into the cup.

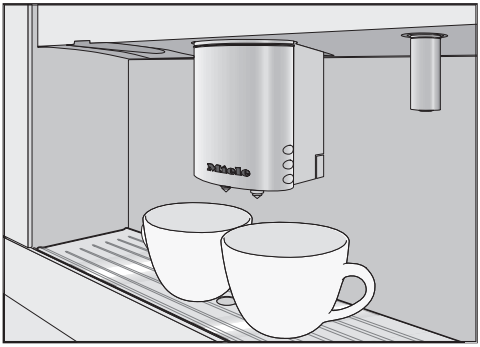
To ensure that any coffee residues from the factory testing process are removed from the brewing system, please throw away the first two cups of coffee when using the coffee machine for the first time.

Making two portions

You can request two portions of espresso, coffee or long coffee to be dispensed at once either into one cup or two separate cups.

These drinks are in the drinks menu.

To dispense two cups of coffee or espresso at the same time:



- Place a cup under each of the coffee dispensers in the central spout.
- Touch the two cup symbol for the drink you want.

Preparation will begin and two portions of the desired drink will be dispensed from the central spout.

Cancelling preparation

To cancel preparation:

- Touch "Stop"

or

- Touch "Cancel".

Dispensing several cups of coffee one after the other (Coffee pot)

You can make several cups of coffee one after the other automatically with the "Coffee pot" function (max. 1 litre). Up to eight cups can be made at once.

- Place a suitable container underneath the central spout.
- Swipe the display until "Coffee pot" appears and then touch this.
- Touch the number of cups you want (3 to 8).
- Follow the instructions in the display.

The coffee for each cup is individually ground, brewed and dispensed. Each stage of the process is shown in the display.

You can interrupt the process at any time, by

- touching "Cancel" or "Stop".

You can use the "Coffee pot" function twice in succession. After this the coffee machine will need to cool down for an hour in order to avoid it being damaged.

Making espresso and coffee using ready ground coffee

To make espresso or coffee using ready ground coffee, add a portion of ground coffee to the ground coffee chute.

This gives you the option of making a cup of decaffinated coffee, for example, even though the coffee bean container is filled with roasted coffee beans.

The coffee machine will automatically recognise that ready ground coffee has been added to the ground coffee chute.

Only **one** portion can be made at a time when using ready ground coffee.

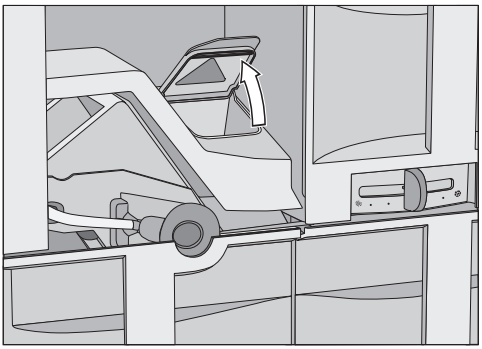
Adding ready ground coffee

Use the coffee spoon supplied.

Do not add more than one level spoon of ground coffee to the coffee chute. If too much is added, the brew unit will not be able to process the coffee.

The coffee machine will use all the ground coffee which has been added to the chute to make the next coffee.

- Open the front of the coffee machine.
- Remove the cover of the ground coffee chute. Open the lid of the chute.



- Add one level spoon of ready ground coffee.
- Close the lid. Push the cover into the machine. Close the front.

"Use ground coffee?" will appear in the display.

Making espresso and coffee using ready ground coffee

If you want to use ready ground coffee to make the drink:

- Touch "Yes".

You can now select whether you want to dispense a coffee or an espresso made with ground coffee.

- Place a cup under the central spout.
- Touch the drink you want.

This will now be dispensed.

If you **do not** want to use ready ground coffee to make the drink:

- Touch "No".

The ground coffee will be directed into the waste container.

If no drink is selected within approx. 15 seconds, the ground coffee will be directed into the waste container.

Drinks with milk

Only use pasteurised milk to avoid a build-up of bacteria.

You can use milk to make different coffee specialities, **hot milk** or **milk froth**.

The following can be made:

Cappuccino consisting of two thirds milk froth and a third espresso.

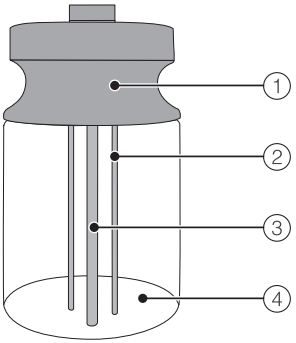
Latte macchiato consisting of a third hot milk, a third milk froth and a third espresso.

Caffè latte consisting of hot milk and coffee.

Milk flask

The milk will **not** keep cool in the milk flask. It should therefore be kept in the fridge if you are not going to be using milk for a long period. Cold milk (below 13 °C) gives the best results for milk froth.

Do not use milk with additives. Sugar additives will stick to the milk pipework.



① lid

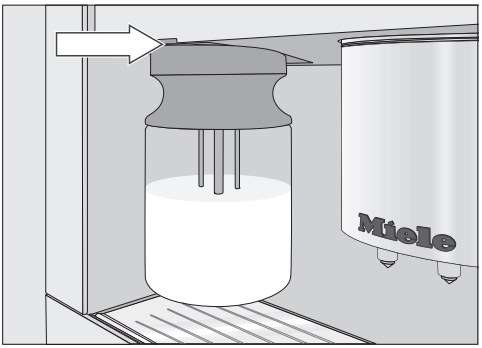
② sensor

③ milk suction tube

④ glass flask

- Fill the flask with milk up to a maximum of 2 cm below the rim. Close the flask with the lid.

It is important to keep the opening and the neck of the flask clean (whilst filling it and carrying it). If the flask is dirty it may not work properly.



- Push the milk flask fully into the coffee machine.

Making drinks with milk

These drinks are in the drinks menu.

- Place a suitable container underneath the central spout.
- Swipe the display until the drink you want appears and then touch this.

The coffee selected will be dispensed.

Dispensing hot water

⚠ Danger of burning and scalding on the hot water spout. The water dipsensed is very hot.

Please note that the water dispensed is not hot enough for making tea.

The hot water option is in the drinks menu.

- Place a suitable container underneath the hot water spout.
- Swipe the display until "Hot water" appears and then touch this.

Hot water is dispensed into the container under the spout.

To cancel preparation:

- Touch "Cancel" or "Stop".

Preparation will be cancelled.

Making drinks using a profile

If you have set the machine up for a specific user profile (see "Profiles") you can select this before you make a drink.

- Touch "Profile" .
- Swipe the display until "Select profile" appears and then touch this.
- Touch the profile you want.

The profile name will appear in the display to show that a profile has been selected.

You can now make the drink you want.

After making drinks

If you have made a drink with milk, the following message appears in the display after a while "Start rinse cycle"

- Touch "OK".

The milk pipework will now be rinsed through.

Even if you do **not** confirm the message with "OK", the coffee machine will rinse the milk pipework after a few minutes automatically.

To customise the coffee machine to suit your exact requirements, you can

– adjust the grinder setting,

– change the amount of coffee,

– set the brewing temperature, or

– switch on the "Pre-brewing" option.

Grinder setting

You can adjust the grinder setting to suit the type of coffee you are using.

When the beans are ground correctly, the coffee or espresso will flow evenly into the cup with a good crema.

The crema should have an even nut-brown colour.

There are various ways to tell whether the coffee grinder is set correctly.

The coffee is **too coarsely ground**, if

– espresso or coffee flows into the cup very quickly.

– the crema is very pale and uneven.

Set a finer grinder setting.

The coffee is **too finely ground**, if

– espresso or coffee only trickles into the cup.

– the crema is dark brown.

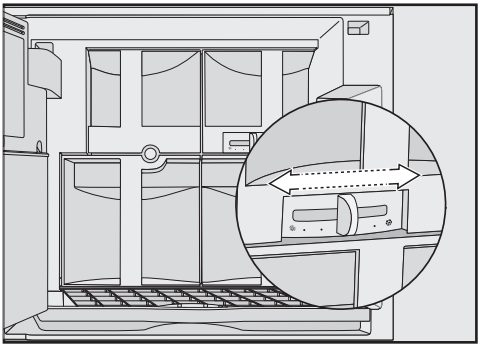
Set a coarser grinder setting.

To avoid damaging the grinder:

Only ever adjust the grinder by one setting at a time.

Grind the coffee beans again if you want to adjust the grinder to the next setting.

■ Open the front of the coffee machine.



■ Push the slide control one setting to the left (for finer grinding) or one setting to the right (for coarser grinding).

■ Close the front.

■ Make a coffee.

Then move the slide control again.

The altered grinder setting will not be used until after the second coffee has been dispensed.

Altering the drinks parameters

You can set the amount of coffee, pre-brewing and the brewing temperature for each drink individually.

Start in the drinks menu.

- Touch "Process" or swipe the screen until "Make drinks" appears and touch this.
- Touch "Change drink".
- Swipe the screen until the drink you want appears and then touch this.
- Touch "Drink parameters".

You can now:

– change the amount of coffee,

– set the brewing temperature, or

– switch on the "Pre-brewing" option.

Amount of coffee

The coffee machine can grind and brew 6-14 g of coffee per cup. The greater the quantity, the stronger the coffee or espresso.

There are various ways to tell whether the amount of coffee is set correctly.

The amount of coffee is **too low**, if

– espresso or coffee flows into the cup very quickly.

– the crema is very pale and uneven.

– the espresso or coffee lacks body.

Increase the amount of coffee so that more ground coffee is brewed.

The amount of coffee is **too high**, if

– espresso or coffee only trickles into the cup.

– the crema is dark brown.

– the espresso or coffee tastes bitter.

Decrease the amount of coffee so that less ground coffee is brewed.

- Touch "Amount of coffee".
- Touch the bar for the amount of coffee you want and then "OK".

Brewing temperature

The ideal brewing temperature will depend on

– the type of coffee,

– whether an espresso or a coffee is being made, and

– the altitude of the region.

If the coffee machine is located at more than 2000 metres above sea level, the brewing temperature needs to be set lower due to the change in pressure. This is because the boiling point for water at a high altitude is lower than the boiling point for water at sea level.

There are five brewing temperatures.

Tip: Not all types of coffee can withstand a high temperature. Certain types are too delicate - the crema on top would not be as good and the taste would be impaired.

- Swipe the screen in the "Brew temperature" field until the setting you want appears.
- Touch "OK".

The setting is now saved.

Pre-brewing the coffee

When the Pre-brewing function is switched on, the freshly ground coffee is first moistened with a little hot water. Then the remaining water is forced through the moistened coffee at high pressure. This helps release the flavour of the coffee.

You can select a short or long Pre-brewing, or deselect "Pre-brewing" altogether.

The machine is delivered with "Pre-brewing" switched off.

- Swipe the screen in the "Pre-brewing" field until the setting you want appears.
- Touch "OK".

The setting is now saved.

Setting the portion size

The flavour of the coffee produced depends on the type of coffee, how finely the beans are ground and the quantity of water used.
You can programme the amount of water used for espresso, coffee or hot water to suit the size of your cup and the type of coffee you are using.

For coffee made with milk, in addition to programming the portion size of coffee you can programme the amount of milk and milk froth used. You can also programme the portion size for hot milk and froth.

There is a maximum amount which can be programmed for each type of drink. Preparation stops when this is reached. The maximum amount possible for that type of drink will then be saved.

The changed portion size is always saved in the current profile. The name of the current profile is shown in the top left of the display.

If there is insufficient water in the water container, the process for programming the amount will be stopped and the amount **will not** be saved.

Setting the portion size

Start in the drinks menu.

- Place the desired cup under the central spout.
- Touch "Process".
- Touch "Change drink".
- Swipe the screen until the drink you want appears and then touch this.
- Touch "Change the portion size".

The required drink will be prepared and "Save" will appear in the display.

- Touch "Save" when the cup has been filled to the level you want.

If you want to change the portion size for **cappuccino**, **latte macchiato** or **caffè latte**, the ingredients (components) which make up the drink will appear in the display.

Cappuccino: milk froth, espresso

Latte macchiato: hot milk, milk froth, espresso

Caffè latte hot milk, coffee

- Touch the ingredients you want to programme the portion size for.

The ingredients selected will have a tick ☑ beside them.

- Touch "OK".

The coffee machine starts making the drink. You can now programme the portion size for each selected ingredient as soon as Save appears in the display.

- Touch "Save" when the amount you want of the particular ingredient has been dispensed.
- Save the portion size required for the selected ingredients.

The programmed mix of ingredients and portion sizes will now be dispensed every time that particular drink is selected.

Resetting drinks

You can reset the portion sizes and the parameters for all drinks back to their factory default setting.

Start in the drinks menu.

- Touch "Process".
- Touch "Reset drinks".

"Reset all drinks to default?" will appear in the display.

- Touch "Yes".

You can enter individual profiles to cater for different tastes and preferences. For each individual profile you can select the portion sizes for each drink (see "Setting the portion size").

The name of the current profile is shown in the top left of the display.

Calling up a profile

- Touch "Profiles" in the main menu or the "Profiles" field in the drinks menu.
- You can now create a profile.

If you have already created a profile in addition to the standard Miele profile, you also have the following options:

– **Select profile** from the profiles which are already allocated.

– **Change name**, if you want to alter the name of a profile.

– **Delete profile**, if you want to delete a profile.

– **Change profile**, to programme the coffee machine so that it changes back to the Miele standard profile automatically after each drink is dispensed or so that it retains the most recently selected profile.

Creating a profile

- Touch "Create profile".

The editor will open in the display.

- Enter the name you want and touch "OK".

Selecting a profile

- Touch the profile you want.

The name of the current profile is shown in the top left of the display.

Changing the name

- Touch "Process".
- Touch "Change name".
- Touch the profile you want and then "OK".
- Enter the name you want and then touch "OK".

Deleting a profile

- Touch "Process".
- Touch "Delete profile".
- Touch the profile you want and then "OK".

Changing a profile

You can programme the coffee machine so that it changes back to the Miele standard profile automatically after each drink is dispensed or so that it retains the most recently selected profile.

- Touch "Process".
- Touch "Change profile".

You now have the following options:

Manually

The currently selected profile will be retained until you select another profile manually.

After each use

The machine will change back to the Miele standard profile automatically after a drink is dispensed.

When switched on

Each time the machine is switched on it will automatically select the Miele standard profile regardless of which profile was selected before the machine was last switched off.

- Touch the option you want and then "OK".

You can create your own drinks for each profile and set the portion size and drinks parameters, e.g. amount of coffee, brewing temperature for each drink individually.

You can also change the names of the drinks and delete any unwanted drinks from the profile. A profile can contain a maximum of nine drinks.

- Touch "Profiles" in the main menu or the "Profile" field in the drinks menu.
- Select the profile you want.

The name of the current profile is shown in the top left of the display.

Creating a drink

You can create new drinks based on existing drinks. A profile can contain a maximum of nine drinks.

The "Create drink" option will only appear if there are less than nine drinks already in the profile.

- Touch "Process".
- Touch "Create drink".

You can now select from the standard drinks:

- Swipe the screen until the drink you want appears and then touch this.
- Change the drinks parameters and the portion size(s) for this drink (see "Coffee the way you like it" and "Setting the portion size").

Preparation will begin and you can save the portion size you want for the individual ingredients.

- Enter a name for the newly created drink (maximum of 8 characters) and touch "Save".

The newly created drink will appear in the profile.

Changing a drink: changing the portion size(s), drinks parameters and names

- Touch "Process".
- Touch "Change drink".
- Swipe the screen until the drink you want appears and then touch this.

You can now either change the portion size(s), drinks parameters or the names as described in "Setting the portion size" and "Coffee the way you like it".

Deleting a drink

- Touch "Process".
- Touch "Delete drink".
- Swipe the screen until the drink you want appears and then touch this.
- Touch "OK".

Settings

You can use the "Settings" menu to customise the coffee machine to suit your requirements.

Calling up the "Settings" menu

Start in the drinks menu.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Settings" ⚙.

You can now check or alter settings.

> Touch ⮌ to return to the previous menu.

The settings which are currently selected will have a coloured frame around them.

Changing and saving settings

- Touch "Main menu" or the ⮌ sensor.
- Touch "Settings" ⚙.
- Swipe the screen until the setting you want appears and then touch this.
- Swipe the screen until the option you want appears and then touch this.

The setting is now saved.

Possible setting options

The factory setting for the option is shown in **bold**.

Option	Available settings
Language	**Deutsch**, English and other languages Country
Time	Display **Off** / On / Night dimming Clock type Analogue /**Digital** Clock format 12 h / **24 h** Set
Date	Set
Timer	Timer 1 Set Switch on at / Switch off after (**1:00**) / Switch off at Days of the week Monday / Tuesday / Wednesday / Thursday / Friday / Saturday / Sunday / Accept Activate Switch on at (Yes / **No**) / Switch off at (Yes / **No**) Timer 2 Set Switch on at / Switch off at Days of the week Monday / Tuesday / Wednesday / Thursday / Friday / Saturday / Sunday / Accept Activate Switch on at (Yes / **No**) / Switch off at (Yes / **No**)
Eco mode	Eco mode (**On** / Off)
Lighting	Brightness Switch off after
Info	Number of drinks Total no. of portions / espresso / coffee / long coffee / cappuccino / latte macchiato / cafè latte / milk froth / hot milk / hot water No. of uses until Descaling / Degreasing the brew unit
System lock	On / **Off**
Water hardness	Soft 1 Medium 2 Hard 3 **Very hard 4**

Settings

Option	Available settings
Brightness	Set
Volume	Buzzer tones Keypad tone
Plate warmer	On / **Off** / Automatic
Mains water	**On** / Off
Spout adjustment	**On** / Off
Showroom programme	Demo mode (On / **Off**)
Factory default	Do not reset Reset

Language

You can select the language (and country variant of that language) for all the display text.

Tip: If you select the wrong language by mistake, follow the flag symbol to find the "Language" option again.

Time

You can set the time display, the clock format and the time.

Display (Time of day display)

You can choose from the following options:

– **On**: The time will show in the display all the time, even when the machine is switched off.

– **Off**: The time will not show in the display when the machine is switched off.

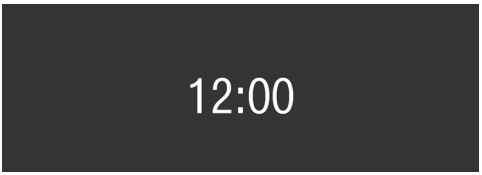
– **Night dimming**: The time will only show in the display during the daytime.

The coffee machine will use more energy depending on the option you choose for the display. Information about this will appear in the display.

Clock type

The time can be displayed as

Analogue or



Digital.

Clock format

The options are:

– 24-hour display (24 h)

– 12-hour display (12 h)

Setting the time

You set the hours and minutes.

Date

You set the day, month and year.

Timer

There are two timers with the following functions:

The coffee machine

– switches on at a particular time, e.g. in the morning for breakfast ("Switch on at").

– switches off at a particular time ("Switch off at").

– switches off after a particular length of time if none of the sensors have been touched or a drink has not been made ("Switch off after"; Timer 1 only).

You can also allocate timer functions to individual days of the week.

For "Switch on at" and "Switch off at", the timer must be **activated** and **at least** one day of the week allocated.

Selecting a timer

The options are:

– Timer 1:
Switch on at, Switch off at, Switch off after

– Timer 2:
Switch on at, Switch off at

Switch on at

Please note that the coffee machine will **not** switch on at the required time if you have activated the system lock.

If the coffee machine has switched itself on using the "Switch on at" timer function **3 times** and no drinks have been dispensed, the machine will not switch itself on again automatically. This prevents the coffee machine from switching itself on unnecessarily, for example whilst you are away on holiday.

The programmed times will, however, remain in memory and will be reactivated after manually switching the machine on again.

Switch off at

If the coffee machine is not used for a long time, e.g. whilst you are away on holiday, the saved times will be reactivated after manually switching the machine on again (see "Switch on at")

Switch off after

The "Switch off after" timer function is only available in Timer 1.

If none of the sensors have been touched or a drink has not been made, the coffee machine will switch itself off after 30 minutes to save energy.

You can change this to another time of between 15 minutes and 9 hours.

Allocating days of the week

Select the day of the week you want. The day of the week selected will be marked with a tick ☑.

When all days of the week required are marked,

- Touch "OK".

Activating and deactivating the timer

If the timer is activated for "Switch on at", the ⏲ symbol and the desired switching-on time appear in the display 23:59 hours before, as long as "On" or "Night dimming" is selected for the time display.

When the system lock is activated, the "Switch on at" option for the timer will **not work.**

Select the timer function you want. The timer function selected will be marked with a tick ☑.

When the timer functions required are marked,

- Touch "OK".

Eco mode

The Eco mode is an energy-saving mode. The steam system only heats up when a coffee or steam for hot milk or milk froth is selected.

With Eco mode switched off, milk froth or hot milk, and coffee or espresso can be made in rapid succession. The steam system remains heated up and this uses considerably more energy.

A message regarding energy consumption will appear in the display.

Lighting

You have the following options:

– You can set the brightness when the machine is switched on.

– You can set the brightness when the machine is switched off.

– You can specify when the lighting should switch off ("Switch off after").

Set the brightness

First select:

– Appliance switched on

– Appliance switched off

Setting the time the lighting switches off (Switch off after)

You can adjust the length of time that the coffee machine remains lit up after switching off.

When the coffee machine is switched on, it remains lit up for 10 minutes after the last action. This time cannot be altered.

Info (Display information)

In the "Info" option, the number of portions prepared for each individual drink can be displayed.

You can also see whether more than 50 portions can be dispensed before the machine needs to be descaled ("No. of uses until descaling").

To return to the previous display,

■ Touch "OK".

Locking the coffee machine (System lock)

You can lock the coffee machine to prevent it being used without your knowledge, by children, for example.

Activating or deactivatiing the System lock

When the system lock is activated, the "Switch on at" option for the timer will not work.

Overriding the System lock

Whilst "Press for 5 seconds to unlock" is showing in the display,

■ touch the the lock symbol for 5 seconds.

As soon as you switch the coffee machine off, the system lock will be activated again and the coffee machine is locked again.

Water hardness

Please see "Using for the first time" for information about water hardness.

Brightness

You can set the brightness of the display in the bar chart.

Volume

You can set the volume of the buzzer and keypad tones in the bar chart.

Activating and deactivating the mains water connection

The coffee machine is designed to be plumbed into the mains drinking water supply. Water is automatically taken into the water container when the machine is set up for a plumbed supply. If this option is switched off the water container has to be filled manually.

Plate warmer

A warming drawer can be connected directly to a socket at the rear of the coffee machine using a special connection cable (available as an optional accessory). Miele or your Miele dealer will be able to advise you on which warming drawers are suitable.

The special connection cable required is available to order from Miele or your Miele dealer.

Once the plate warming drawer is connected, you will need activate it in the "Settings" menu.

You can choose from the following options:

– **Automatic**: The plate warming drawer will switch on and off together with the coffee machine.

If you have programmed the coffee machine to switch on at a specific time ("Switch on at" Timer function), the plate warming drawer will switch on approximately 30 minutes before the coffee machine is due to switch on so your cups are warmed up ready for your coffee.

– **On**: You can switch the plate warming drawer on and off manually whenever you want, independently of the coffee machine.

– **Off**: The plate warming drawer will not switch on because the coffee machine is not supplying it with any electricity.

The coffee machine is delivered with the "Off" option for the plate warmer setting selected.

Spout adjustment

Please go to "Spout adjustment (CupSensor)" for details of this feature.

Factory default

You can reset the settings back to the ones which were set when the coffee machine was delivered - the factory default settings.

Please refer to the "Possible setting options" chart for the factory settings which are shown in bold.

Please note that the following settings will **not** be reset:

- Language
- Time of day
- Number of drinks (dispensed)
- Profiles

Demo mode (Showroom programme)

Do not activate this setting for domestic use!

The coffee machine can be demonstrated in the showroom or at exhibitions using the "Showroom programme" In this mode the machine lights up but drinks cannot be made or actions taken.

The coffee machine cannot be switched off with the On/Off sensor ⏻ when demo mode is activated.

Quick guide

⚠ Clean the coffee machine every day to prevent a build-up of bacteria.

Recommended frequency	What do I have to clean / maintain?
Every day (at the end of the day)	the milk flask and lid
	the water container
	the waste container
	the drip tray and the drip tray cover
Once a week (or more often if badly soiled)	the central spout
	the central spout connector
	Clean the milk valve with the cleaning brush
	the interior
	the small drip catcher inside the front of the machine
	the brew unit
	the front of the machine (especially straight after descaling)
Once a month	lubricate the cap on the central spout connector
When prompted to	the milk pipework (using the cleaning agent for milk pipework)
	the brew unit (degrease with the cleaning tablets)
	descale the machine
As required	the coffee bean container use the cleaning brush to remove any blockages from the milk pipework

Some components of the coffee machine are dishwasher safe. Cleaning these in the dishwasher frequently can cause them to become discoloured due to regular contact with food residues (e.g. tomatoes) in the dishwasher. The surface can also become damaged.

The following must be cleaned **by hand only**:

– Central spout cover

– Brew unit

– Coffee bean container and the coffee bean container lid

– Service panel

⚠ Danger of burning.
Allow the coffee machine to cool down before cleaning. Please be aware that the water in the drip tray will be very hot.

Do not use a steam cleaning appliance to clean the coffee machine as this will damage the machine.

Do not use cleaners containing chlorides, acids, soda or scouring agents. These would damage the surface.

It is important to clean the machine regularly, as the used coffee grounds will soon go mouldy. Sour milk deposits can block the milk pipework.

The central spout connector cap is lubricated with silicone grease. Take care not to get this on your clothes when removing or replacing the containers or other components.

All surfaces are susceptible to scratching. Scratches on glass surfaces could even cause a breakage.
Contact with unsuitable cleaning agents can discolour the surfaces.

Wipe up any **spillages or splashes of descaling agent** immediately.

Avoid the following on all types of front:

– cleaning agents containing soda, ammonia, acids or chlorides,
– solvent-based cleaning agents,
– cleaning agents containing descaling agents,
– stainless steel cleaning agents,
– dishwasher cleaner,
– oven cleaner,
– glass cleaning agents,
– abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
– hard, abrasive sponges, e.g. pot scourers, brushes or sponges which have been previously used with abrasive cleaning agents,
– melamine eraser blocks,
– sharp metal scrapers.

Rinsing the coffee machine

When a coffee drink has been dispensed, the coffee machine rinses itself before switching off to remove any remaining coffee residue.

You can also rinse the coffee pipework manually.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓭.
- Touch "Rinse the appliance".

The pipework will now be rinsed through. The water used for the rinsing process will run out of the central spout.

Milk pipework

All parts of the milk system need to be cleaned thoroughly and regularly

Milk contains bacteria which proliferate rapidly with inadequate cleaning. A dirty machine can be harmful to health.

Rinsing the milk pipework manually

Milk residue can clog up the milk pipework. If you have made a drink with milk, the coffee machine will rinse the milk pipework after a few minutes.

You can also rinse the milk pipework manually.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓭.
- Touch "Rinse the milk pipework".

The milk pipework will now be rinsed through.

Cleaning the milk pipework using the cleaning agent for milk pipework

All parts of the milk system need to be cleaned thoroughly and regularly

Milk contains bacteria which proliferate rapidly with inadequate cleaning. A dirty machine can be harmful to health.

The milk pipework must be cleaned at least once a week. The coffee machine will prompt you at the correct time. "Clean the milk pipework in 3 days" will appear in the display three days before the coffee machine is due to be cleaned. Each time the coffee machine is switched on the number of days until the milk pipework needs to be cleaned will appear in the display.

- To confirm this message, touch "OK".

When the number of days reaches 0, "Clean the milk pipework will appear in the display. You cannot make drinks with milk until cleaning has been carried out.

- Touch "OK".

You can now only dispense espresso, coffee, long coffee and hot water. You will only be able to make drinks with milk once the milk pipework has been cleaned.

The cleaning process cannot be cancelled once it has started. The process has to be carried through to the end.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓪.
- Touch "Clean the milk pipework".

The process will start and various messages will appear in the display.

- Follow the instructions.

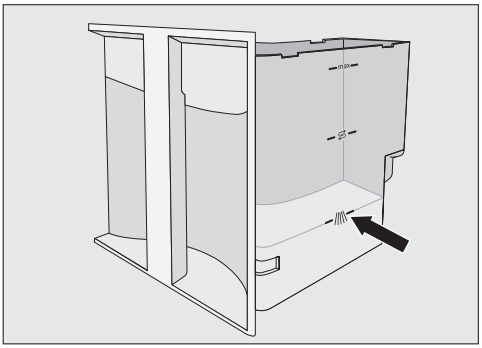
When "Fill water container with lukewarm water and cleaning agent up to the ⫽⫼⫹ symbol and replace it" appears, proceed as described below.

Preparing the cleaning solution

The cleaning agent for the milk system was developed specifically for this coffee machine. It is available to order from Miele (see back page for contact details), your Miele dealer or via the internet at www.miele-shop.com.

To avoid damaging the coffee machine, use this cleaning agent only.

- Add one sachet of the cleaning agent for the milk pipework to the water container.



- Fill the water container up to the /|||\ mark with lukewarm water and stir the solution.

Follow the instructions on the packet carefully. It is important that you fill the water container with enough water. Otherwise the milk pipework will not be cleaned properly.

- Replace the water container in the coffee machine and close the front.
- Follow the instructions in the display.

When "Fill and replace the water container" appears:

- Remove the water container and rinse it carefully with clean water. Make sure that **no cleaning agent** is left in the water container. Fill the water container with fresh tap water and replace it in the machine.

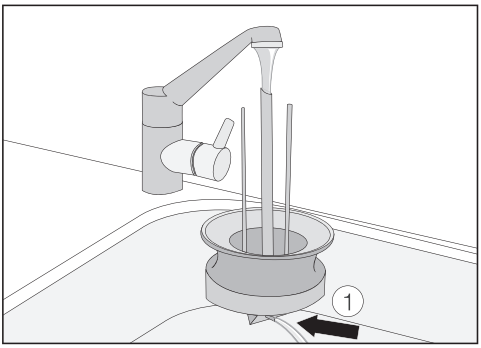
The cleaning process is complete when "Remove container. Process finished" appears.

Milk flask and lid

It is important to keep the neck and flange of the flask clean (whilst filling it and carrying it). If the flask is dirty it could cause a fault with the machine.

- Clean the milk flask in the dishwasher or by hand using hot water and a little washing-up liquid. Dry the milk flask thoroughly.

Before placing the lid in the dishwasher:



- Rinse the milk pipework in the lid under running water.

If when doing this, **no** water runs out of the milk pipework ①,

- clean the lid as described in "Cleaning blockages from the milk pipework - Step 1: Cleaning the milk pipework in the lid of the milk flask".

Central spout

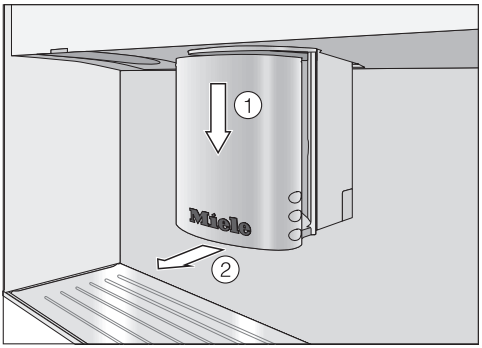
Clean the cover of the central spout **by hand only** using hot water and a little washing-up liquid. All other parts are dishwasher safe.

The central spout must be in the maintenance position for cleaning. Otherwise you will not be able to remove the parts.

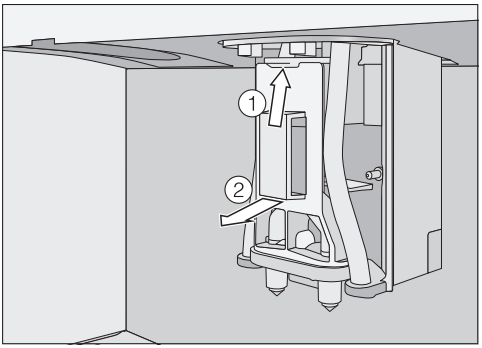
If there is a container underneath the central spout, make sure that you remove this as it would prevent the central spout from moving into the maintenance position.

- Touch "Main menu" or ⮌.
- Touch "Maintenance" ⓪.
- Touch "Clean the central spout".

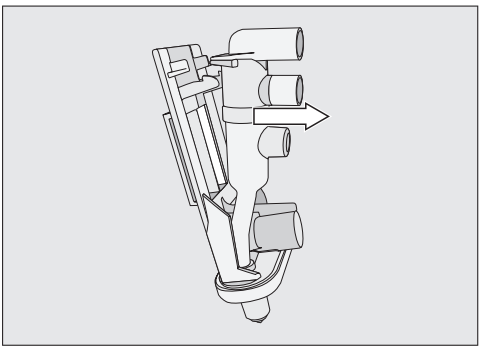
The central spout will move into maintenance position ①.



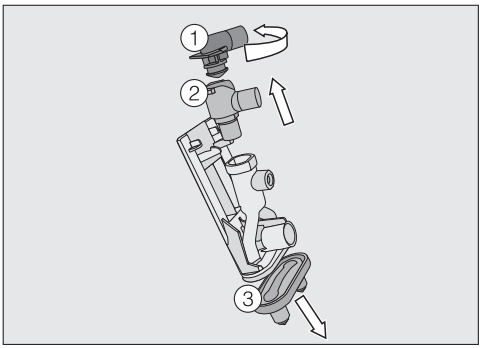
- Pull the cover forwards and off ②.



- Press catch ① upwards, grasp the dispensing unit by the handle und pull this forwards and off ②.



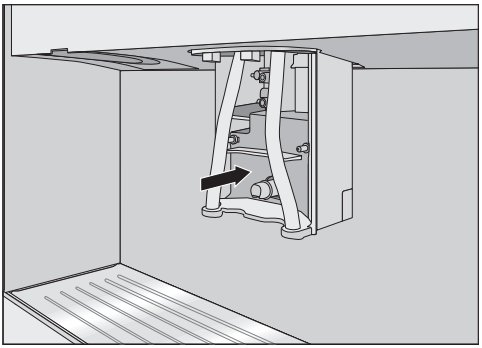
- Hold the magnets at the side and pull forwards to release the unit.



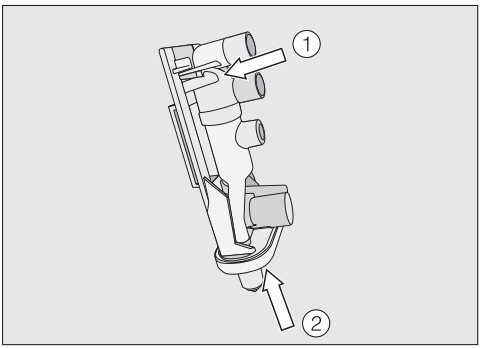
- Turn upper connecting piece ① and pull it upwards to remove it. Remove lower connecting piece ② in the same way.
- Pull off dispensers ③.

The Y-piece connnector must not be removed.

- Clean all parts thoroughly.



- Clean the surfaces around the central spout (see arrow) with a well-wrung-out damp cloth.



- Reassemble the dispensing unit in the reverse order: Make sure that upper connecting piece ① clicks into position. Press dispensers ② firmly onto the dispensing unit.
- Replace the dispensing unit in the central spout.
- Replace the cover.

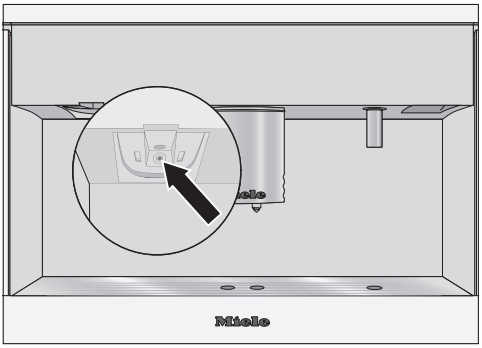
Conditioning the milk valve

The milk valve should be cleaned once a week to ensure good quality milk froth.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓭.
- Touch "Clean the central spout".

The central spout will move into the maintenance position.

Important. You **must remove** the cleaning brush before confirming "Quit maintenance position" with "OK". Otherwise the coffee machine will be damaged.



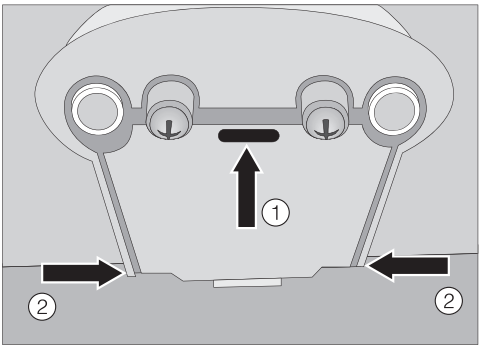
- Insert the brush in the milk valve. Move the brush back and forth.
- Touch "OK".

The milk valve will move into the correct position and the milk pipework will be rinsed through.

Sensor cover

The sensor cover for the cup protection cut-out is located under the central spout. If the automatic spout adjustment sensors do not clearly recognise a container, this sensor will stop the central spout.

If required, the sensor cover can be cleaned **by hand** using hot water and a little washing-up liquid.



- To remove, press and hold the sensor cover between the dispensers ①. Then press the central spout in from the sides at the back ②.

This will release the sensor cover.

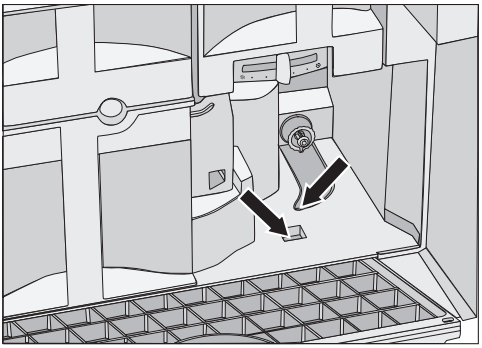
- To replace, insert both hooks at the back and press the sensor cover upwards.

Water container

Change the water every day to prevent a build-up of bacteria.

Make sure that the valve, the underside of the water container and the surface the water container sits on are clean. Otherwise the water container will not sit correctly.

- The water container can be cleaned in the dishwasher or by hand using hot water and a little washing-up liquid. After cleaning, dry the water container.



- Carefully clean the surface the water container sits on, taking special care to clean the recesses properly.

Waste container

After a certain period of time a reminder to empty the waste container will appear in the display. The waste container must be cleaned when this message appears. However, it is better to clean the waste container **every day** to prevent coffee grounds from turning mouldy.
There will probably also be water in the waste container left over from the rinsing process.

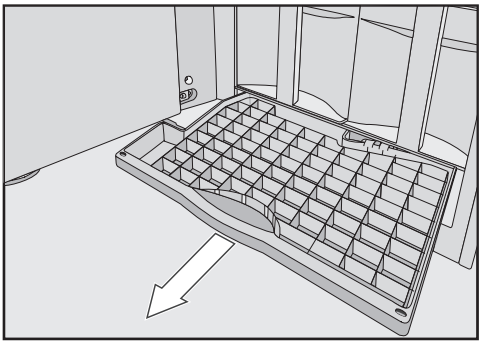
- Clean the waste container with hot water and a little washing-up liquid or in the dishwasher, and dry with a cloth.
- Also thoroughly clean the now accessible area in the machine where the waste container sits.

Drip tray

Clean the drip tray **every day** to prevent unpleasant odours and mildew.

A message will appear in the display when the drip tray is full and needs to be emptied. Remove the tray and empty it at the latest when this message appears.

⚠ Danger of burning. If the rinsing process is in progress, wait a while before removing the drip tray so that you catch any remaining water from the system.



- Open the machine front, and carefully remove the drip tray from the machine.

The grid in the drip tray prevents the water from spilling out of the tray when it is being carried.

- Clean the drip tray and the grid with hot water and a little washing-up liquid, or in the dishwasher and dry with a cloth.

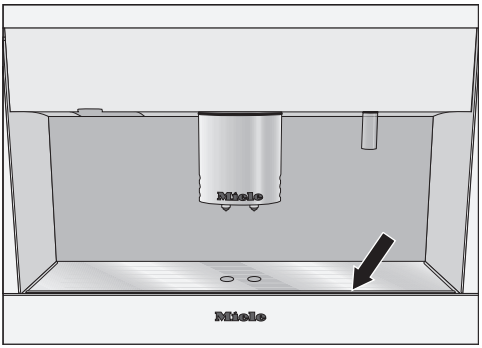
Make sure that the metal contact discs on the drip tray are cleaned and dried properly. The discs will not be able to detect that the drip tray is present or that it is full if they are dirty or damp.

- Clean the space under the drip tray
- Push the drip tray back into the coffee machine.

Make sure the drip tray has been pushed right into the machine as far as it will go.

Drip tray cover

- Remove the drip tray cover.
- It can be cleaned in the dishwasher or by hand using hot water and a little washing-up liquid.
- Dry the drip tray thoroughly.



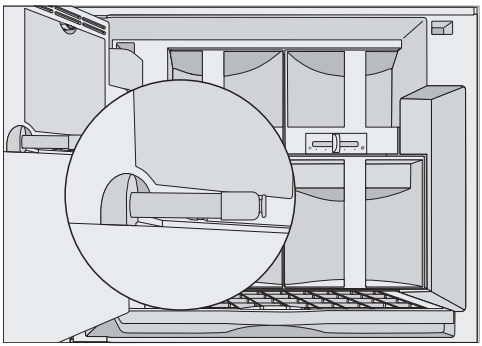
- Refit the cover on the drip tray making sure that it sits flush at the front.

Coffee bean container

- Take the coffee bean container out of the machine and then push the lid back to remove it.
- Clean the coffee bean container and the lid **by hand** using hot water and a little washing-up liquid, and then dry them both thoroughly.
- Replace the lid, and push the container back into place in the machine.

Central spout connector

The part which connects the brew unit and the central spout is located on the inside of the machine door.



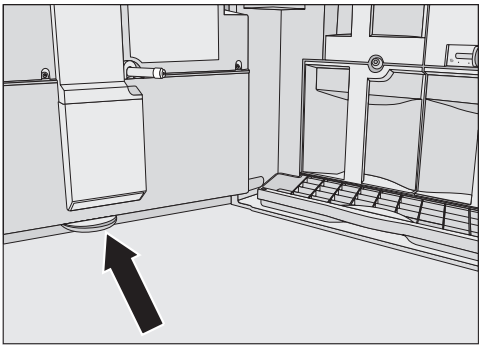
- Clean this connection regularly with a damp cloth, taking care not to wipe the grease off the cap.
- Lubricate the cap at least once a month with the silicone grease supplied.

Interior and machine front

- First take out all removable parts and then clean the interior and the machine front with a mild solution of hot water and washing-up liquid.

Tip: Use your vacuum cleaner to remove dry coffee grounds.

A small drip catcher is located inside the front of the machine at the bottom.



- Remove the drip catcher and clean it in the dishwasher or by hand using hot water and a little washing-up liquid.

After cleaning, remember to replace the drip catcher in the coffee machine.

Brew unit

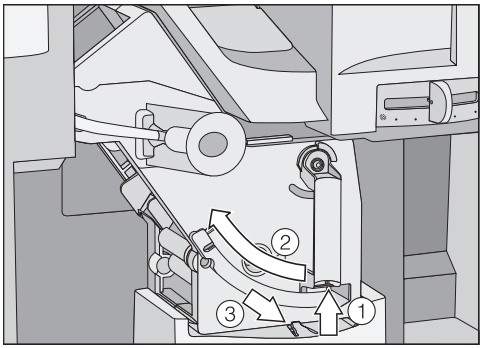
Clean the brew unit **by hand only** using hot water. **Do not use washing-up liquid or any other cleaning agent**. The moving parts of the brew unit are lubricated. Washing-up liquid or cleaning agent will damage the brew unit.

Clean the brew unit once a week.

Removing the brew unit and washing by hand

The brew unit can be removed for cleaning. To do this:

- Open the front of the machine.
- Remove the water container, waste container and the coffee chute cover.

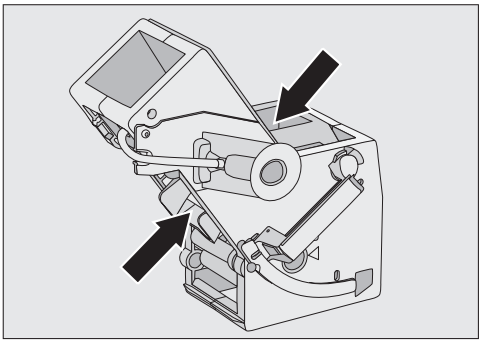


- Press the button under the handle of brew unit ① and whilst doing so, turn the handle clockwise ②.
- Press the catch in front of the brew unit ③ downwards, and pull the brew unit out carefully.
- Carefully pull the brew unit out of the coffee machine.

If you cannot remove the brew unit or can only do so with difficulty, the brew unit is not in the correct position (see "Problem solving guide").

When the brew unit has been pulled out, do **not** alter the position of the brew unit handle. This would displace the brew unit and it would not fit back into the coffee machine.

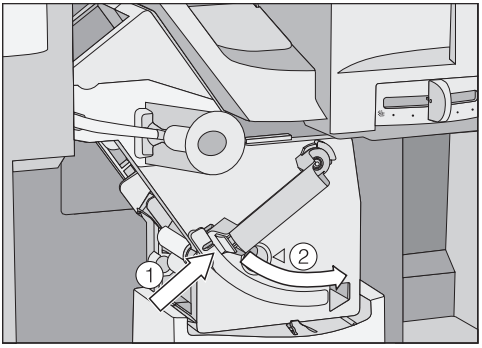
- Clean the brew unit **by hand** under hot running water **without** using washing-up liquid or any other cleaning agent.



- Wipe any remaining coffee off the filters. One filter is located in the funnel and the other to the left of the funnel.
- Dry the funnel to prevent ground coffee sticking to it.
- Clean the inside of the coffee machine. Use your vacuum cleaner to remove dry coffee grounds.

To replace the brew unit proceed in the reverse order:

- Push the brew unit back into the coffee machine, making sure it is straight.



- Press the button under the handle of the brew unit ① and whilst doing so turn the handle anti-clockwise ②.
- Close the front.

Degreasing the brew unit

Depending on the natural oil content of the coffee used, the brew unit can become blocked quite quickly. Therefore use the cleaning tablets supplied to clean the brew unit.

These have been specially formulated for use in this coffee machine and are available to order from Miele (see back page for contact details), your Miele dealer or via the internet at www.miele-shop.com.

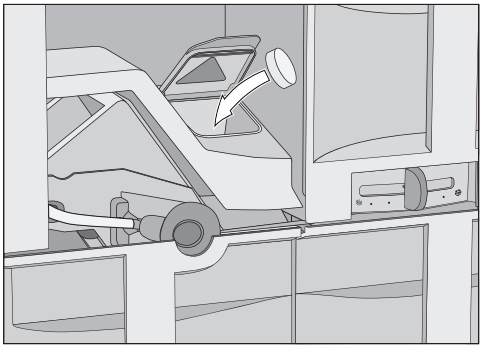
After 200 portions have been dispensed, "Degrease the brew unit" will appear in the display. This message will not go out until degreasing has been carried out.

Degrease the brew unit regularly. This is necessary to ensure that the coffee machine continues to dispense excellent coffee and to operate problem-free.

The cleaning process cannot be cancelled once it has started. The process has to be carried through to the end.

- Switch the machine on with the On/Off sensor ⏻.
- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⚙.
- Touch "Degrease the brew unit".
- Follow the instructions in the display.

When "Place a cleaning tablet in the ground coffee chute and close the chute" appears in the display:



- Remove the coffee chute cover and open the lid of the coffee chute.
- Place a cleaning tablet into the coffee chute.
- Close the lid, replace the coffee chute cover and close the machine front.
- Follow the instructions in the display.

When "Process finished" appears in the display:

- Touch "OK".

The brew unit has now been cleaned.

Machine front

If soiling is not removed promptly it could cause the surfaces of the machine to alter or discolour.
Remove any soiling immediately.

Make sure that water cannot get in behind the display.

All external surfaces are susceptible to scratching. Scratches on glass surfaces could even cause a breakage.
Contact with unsuitable cleaning agents can discolour the surfaces.

Wipe up any **spillages or splashes of descaling agent** immediately.

- Switch the machine off with the On/Off sensor ⏻.
- Clean the front with a clean sponge and a solution of hot water and washing-up liquid. Dry using a soft cloth.

Tip: You can also use a microfibre cloth to clean the front.

Descaling

Limescale builds up in the coffee machine during use. How often, will depend on the hardness of the local water supply. Limescale must be removed regularly.

The machine will guide you through the descaling procedure. Various instructions will appear in the display, e.g. you will be prompted to empty the drip tray, fill the water container, etc.

Descaling **must be carried out**. The process takes approx. 20 minutes.

During the descaling process, water containing descaling agent will run out of the central spout and the hot water spout. This is followed by an activation period before a little more water containing descaling agent is dispensed.

The coffee machine will remind you when descaling needs to be carried out. The following message will appear in the display: "No. of uses until descaling: 50". The remaining number of drinks that can be made before descaling will now show in the display after each drink is made.

■ To confirm this message, touch "OK".

When 0 is reached, the coffee machine will lock out. "Descale the appliance" will appear in the display.

You can switch the coffee machine off if you do not want to descale it at this time. However, you will not be able to make any more drinks until descaling has been carried out.

Descaling after being prompted by the display

The descaling process cannot be cancelled once it has started. The process has to be carried through to the end.

■ Touch "OK" to start descaling immediately.

The process will start and various messages will appear in the display.

■ Follow the instructions.

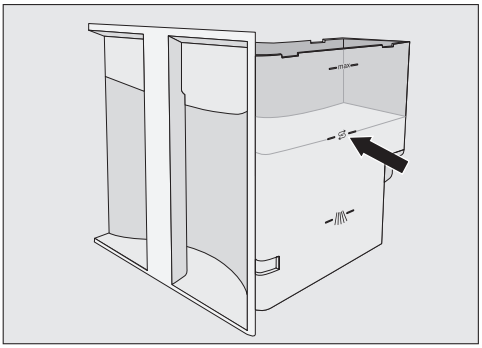
When "Fill water container with lukewarm water and descaling agent up to the ⇄ symbol and replace it" appears in the display, proceed as described below.

Preparing the descaling solution

The descaling tablets supplied have been specially formulated for use with this coffee machine and are available to order from Miele (see back page for contact details), your Miele dealer or via the internet at www.miele-shop.com.

You will need **two** descaling tablets for each descaling process.

Only use Miele descaling tablets. Other types of descaling agents will damage the coffee machine and affect the taste.



- Fill the water container up to the ⇆ symbol with lukewarm water.
- Drop **two** descaling tablets in the water.

Follow the instructions for the mixing ratio carefully.
It is important that you fill the water container with the correct amount of water. Otherwise the descaling programme will be cancelled prematurely.

- Replace the water container in the coffee machine and close the front.
- Follow the instructions in the display.

When "Fill the water container with fresh tap water up to the descaling symbol " appears in the display:

- Remove the water container and rinse it carefully with clean water. Make sure that no descaling agent is left in the water container. Fill the water container with fresh, clean tap water up to the ⇆ symbol.
  Also empty the waste container.

"Process finished" will appear in the display to indicate that descaling has been completed.

- Touch "OK".

The coffee machine has now been descaled and can be used for making drinks again.

When descaling the machine, wipe up any spillages or splashes of descaling agent immediately. These would damage the surface.

After descaling the machine, carefully rinse the water container and the drip tray to remove all traces of descaling agent.

Descaling when not prompted by a message

The descaling process cannot be cancelled once it has started. The process has to be carried through to the end.

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓪.
- Touch "Descale the appliance".

The descaling process will begin.

Problem solving guide

With the aid of the following guide, minor problems can be easily corrected without contacting Miele.

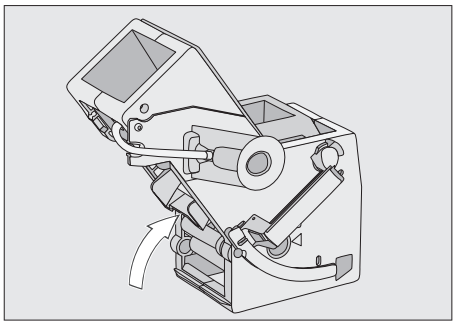
⚠ Warning. Do not open the outer casing of the machine.
Repairs may only be carried out by a suitably qualified and competent person in strict accordance with national and local safety regulations. Repairs and other work by unqualified persons can cause considerable danger to users. The manufacturer cannot be held liable for unauthorised work.

If you cannot resolve the problem following these instructions please contact Miele (see back cover for contact details).

Messages in the display

- Follow the instructions to remedy the problem.
- If after this, the fault message appears in the display again, contact Miele.

Message	Possible cause and remedy
Fault 1 - 4 80 - 83	There is a fault inside the machine. ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for one hour and then switch it back on again.
Fault 74, 77 Fault 225, 226 Fault 235, 236	There is a fault inside the machine. ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for approx. 2 minutes and then switch it back on again.

Message	Possible cause and remedy
Fault 73 or "Check brew unit"	The brew unit cannot move into the correct position or it is dirty and the ground coffee cannot be processed. ■ Try to remove the brew unit (see "Cleaning and care – Brew unit"). ■ If you can, take it out and clean it (see "Cleaning and care – Brew unit").  ■ Push the coffee ejector of the brew unit into the correct position (see illustration). ■ Replace the waste container and the water container in the coffee machine. **Do not replace the brew unit**. Close the front of the coffee machine and switch the coffee machine on with the On/Off sensor ⏻. The brew unit motor will now be initialised. ■ When "Insert the brew unit" appears, open the front and replace all the parts in the machine. Close the front.
	If you cannot remove the brew unit: ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for approx. 2 minutes and then switch it back on again.
Fault 227 to Fault 230, Fault 233	There is a fault with the automatic spout adjustment. ■ Confirm the message with OK. The automatic spout adjustment will be deactivated during drink preparation whilst the machine remains switched on. You can still make drinks.

Problem solving guide

Message	Possible cause and remedy
Fault 234	The cup protection cut-out has been triggered during the making of three drinks since the coffee machine was switched on. The cups or glasses being used have not been clearly recognised by the automatic spout adjustment function. ■ Use cups or glasses which can be recognised by the automatic spout adjustment function.
	There is a fault with the automatic spout adjustment. ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for approx. 2 minutes and then switch it back on again.
"Too much ground coffee"	There is too much ready ground coffee in the ground coffee chute. If more than one level spoon of ground coffee is added to the coffee chute, the brew unit cannot process the coffee. The ground coffee will be directed into the waste container and a fault message will appear in the display. ■ Switch the coffee machine off with the On/Off sensor ⏻. ■ Remove the brew unit and clean it (see "Cleaning and care – Brew unit"). ■ Remove the ground coffee in the interior of the coffee machine e.g. using a vacuum cleaner. ■ Use the coffee spoon supplied for adding ground coffee. Add **one** level spoon only to the ground coffee chute.
"Check water intake"	The plumbed in water supply is not working. ■ Check whether the inlet hose has become kinked or the stopcock is not fully open. ■ Remove the water container and empty it. ■ Push the water container into the machine so that it clicks into position.

Message	Possible cause and remedy
"Push the water container in until it engages"	The water container is not positioned correctly inside the machine. ■ Remove the water container and replace it.
	This fault message also appears if the water container was not correctly filled and positioned for descaling. ■ Fill the water container with fresh tap water up to the ⇄ symbol and start the descaling process again.
	The plumbed in water supply is not working. ■ Check whether the inlet hose has become kinked or the stopcock is not fully open.

Unusual performance of the coffee machine

Problem	Possible cause and remedy
When the coffee machine is switched on the lighting does not come on.	The lighting has been switched off. ■ Switch it back on (see "Settings - Lighting").
	The lighting is faulty. ■ Contact Miele.
The display remains dark when the coffee machine is switched on using the On/Off sensor ⏻.	The On/Off sensor ⏻ was not touched for long enough. ■ Touch the depression in middle of the On/Off sensor ⏻ for at least 3 seconds.
	The plug is not inserted in the socket correctly. ■ Insert the plug in the socket correctly and switch on.
	The main fuse has tripped due to a problem with the coffee machine, the electricity supply or another appliance. ■ Switch off at the wall socket and unplug it. ■ Contact a qualified electrician or Miele.
The coffee machine switches off suddenly.	The switching off time programmed using the timer has been reached. ■ If required, you can select a new switching off time (see "Settings - Timer").
	The plug is not inserted in the socket correctly. ■ Insert the plug in the socket correctly and switch on.
The coffee machine is switched on. The lighting suddenly switches off.	The lighting will switch itself off automatically after 10 minutes, if the coffee machine is not used for a certain length of time.
The sensors do not react to touch. You cannot operate the coffee machine.	There is a fault inside the machine. ■ Open the front of the coffee machine. The current process will be stopped. ■ Disconnect the machine from the power supply.

Problem	Possible cause and remedy
The coffee machine does not switch itself on, although the "Switch on at" setting has been activated for the timer.	The system lock is activated. ■ Deactivate the system lock (see "Settings - System lock").
	The day of the week has not been selected. ■ Check the timer settings and change these if necessary (see "Settings - Timer").
	The machine was not used after being switched on automatically 3 times in succession (see "Settings - Timer"). ■ Switch the machine on and make a drink.
You cannot read the display.	The display brightness has been set too low. ■ Adjust the brightness (see "Settings - Brightness")
After being switched on, "Fill and replace the water container" appears in the display although the water container has been filled and inserted. The machine does not rinse.	The coffee machine needs to be descaled. ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for approx. one hour. ■ Switch the coffee machine on again. As soon as "Heating-up phase" appears in the display, touch the "Maintenance" field at the bottom right and then select "Descale". ■ Descale the coffee machine. You may need to repeat the descaling process.
The milk pipework is being rinsed through but there is no rinse water coming out of the central spout. "Fill and replace the water container" appears in the display.	The milk pipework or the air intake tube is blocked. ■ Follow the instructions in "Cleaning blockages from the milk pipework".

Problem solving guide

Problem	Possible cause and remedy
There is no milk or milk froth being dispensed from the central spout.	The milk pipework or the air intake tube is blocked. ■ Follow the instructions in "Cleaning blockages from the milk pipework".
"Fill and insert milk flask" appears in the display although the milk flask has been filled and inserted in the coffee machine.	The lid of the milk flask could be dirty preventing the sensors from working properly. ■ Clean the milk flask and the lid thoroughly (see "Cleaning blockages from the milk pipework").
"Empty the drip tray" appears in the display although the drip tray has been emptied.	The drip tray has not been correctly positioned inside the machine. ■ Push the drip tray back in as far as it will go.
	The sensors on the drip tray are not working properly. ■ Switch the coffee machine off with the On/Off sensor ⏻.
	The contact discs are dirty. ■ Clean and dry the contacts thoroughly (see "Cleaning and care - Drip tray").
The machine front will not close properly.	The containers are not pushed into the machine completely. ■ Check the containers.
	The hinges are not aligned correctly. ■ Adjust the hinges (see "Installation - Adjusting the hinges").

Problem	Possible cause and remedy
Drink preparation is cancelled.	If the water container becomes empty while a drink is being made, after the water container is filled and replaced "Continue? Yes / No" will appear in the display. If you do not confirm "Yes" within 5 minutes, the drink will be cancelled.
	The plumbed in water supply is not working. ■ Check whether the inlet hose has become kinked or the stopcock is not fully open.
	The water container became empty while a drink was being made, however, "Mains water - On" is selected and the coffee machine has not been plumbed in to the mains water supply. ■ Check the setting for the mains water supply (see "Settings - Mains water").
"Please wait" appears constantly in the display. No drinks can be made.	"Mains water - On" is probably selected and the coffee machine has not been connected to the mains water supply. ■ Fill the water container. ■ Then check the setting for the mains water supply (see "Settings -Activating and deactivating the mains water connection").
The container being used is not recognised by the automatic spout adjustment function repeatedly. The central spout moves to the rim of the container and triggers the cup protection cut-out.	■ Use other containers which can be recognised by the automatic spout adjustment function.
	There is a fault with the automatic spout adjustment. ■ Switch the coffee machine off with the On/Off sensor ⏻. Wait for approx. 2 minutes and then switch it back on again. ■ Use another cup or glass and make a drink. ■ If the cup protection cut-out is triggered again or the central spout moves to the rim of the cup or glass again, contact Miele.

Problem solving guide

Problem	Possible cause and remedy
The cup protection cut-out is not working. The central spout moves to the rim of the cleaning container and becomes wedged against the rim.	If the cleaning container is very close to or touching the rear panel, the automatic spout adjustment will not detect it properly. ■ Move the cleaning container slightly further forward.

Unsatisfactory results

Problem	Possible cause and remedy
The consistency of the milk froth in unsatisfactory.	The temperature of the milk is too high. Cold milk (below 13° C) gives the best results for milk froth. ■ Check the temperature of the milk in the milk flask.
	The milk pipework or the air intake tube is blocked. ■ Follow the instructions in "Cleaning blockages from the milk pipework".
The coffee grinder makes a louder noise than usual.	The coffee bean container has become empty during the grinding process. ■ Fill the container with fresh beans.
	There could be stones in amongst the coffee beans. ■ Switch the coffee machine off immediately. Contact Miele.
Espresso or coffee flows into the cup too quickly.	The coffee is too coarsely ground. ■ Set the grinder on a finer setting (see "Grinder setting").
Espresso or coffee flows into the cup too slowly.	The coffee is too finely ground. ■ Set the grinder on a coarser setting (see "Grinder setting").
The coffee or espresso is not hot enough.	The cup has not been pre-heated.
	The brewing temperature has been set too low. ■ Set a higher brewing temperature (see "Brewing temperature).
	The filters in the brew unit are blocked. ■ Remove and clean the brew unit by hand (see "Cleaning and care - Brew unit") ■ Degrease the brew unit (see "Cleaning and care - Brew unit")

Problem solving guide

Problem	Possible cause and remedy
The crema on the coffee or espresso is not as it should be.	The grinder setting is not correct. ■ Set the grinder on a finer or coarser setting (see "Grinder setting").
	The brewing temperature is too high for this type of coffee. ■ Set a lower brewing temperature (see "Brewing temperature").
	The coffee beans are no longer fresh. ■ Add new coffee beans to the coffee bean container.

If you notice that the **quality of the milk froth** is not satisfactory, this could be caused by a blockage in the air intake tube. Follow the instructions in "Step 2: Cleaning the air intake tube and the angled connector in the inside of the machine front"

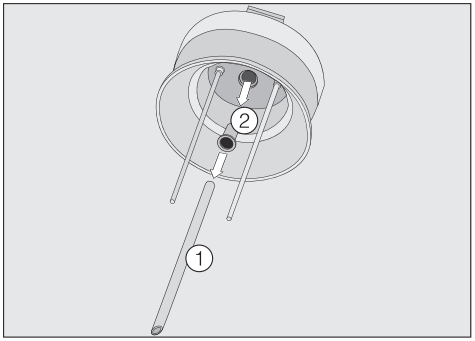
If only **steam** instead of **milk** is coming out of the central spout, follow the instructions in Steps 1 to 3.

First check that the milk in the milk flask has not gone sour as this can block the milk pipework.

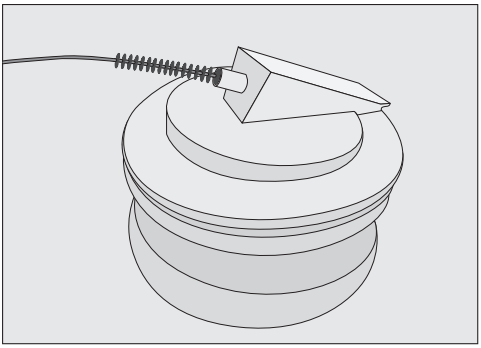
Follow the steps in the cleaning procedure below to clean blocked milk pipework. After cleaning, check that the process for heating and frothing milk is working well and that the quality of the result is now satisfactory.

If the process for heating and frothing milk is still not working well and the quality of the result is still not satisfactory, **do not make any drinks** and repeat the steps as described.

Step 1: Cleaning the milk pipework in the lid of the milk flask



- Pull milk suction tube ① out of the milk flask lid.
  Ensure that you also remove seal ② when doing this.
- Clean both under running water. Insert the cleaning brush supplied into the stainless steel tube and move it back and forth until all milk deposits have been removed.



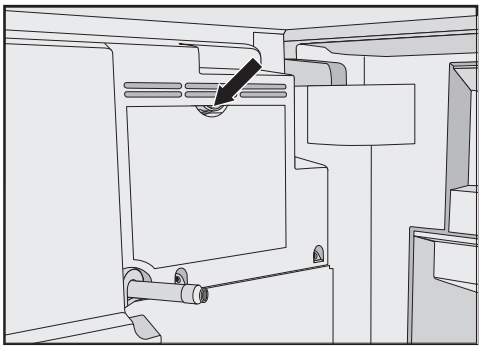
- Also use the cleaning brush to clean the milk pipework in the lid.

To reassemble the lid:.

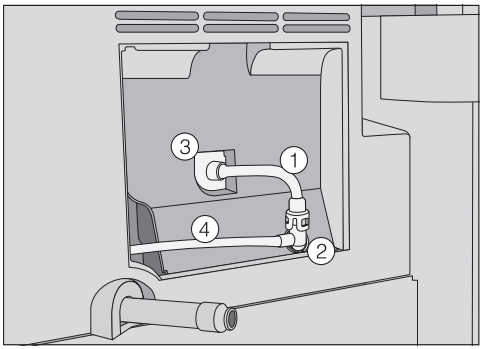
- **First** insert the seal in the lid. Then fit the milk intake tube into the seal. Make sure that you do not fit the slanted end of the milk intake tube into the seal.

Step 2: Cleaning the air intake tube and the angled connector in the inside of the machine front

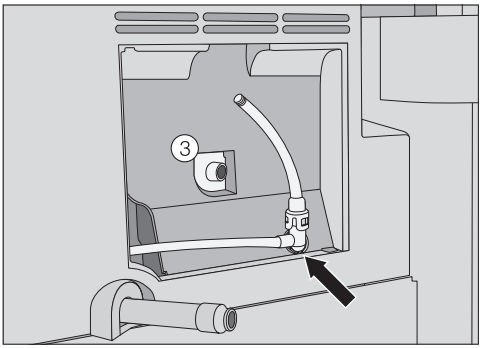
Do not use a needle or similar implement. This would damage the components.



- Open the service panel on the inside of the front of the coffee machine.



- First release air intake tube ① from opening ③. Then pull off angled connector ②.
- Pull both tubes out of the angled connector.
- Use the cleaning brush supplied to clean air intake tube ①. "Blowing through" can also help to dislodge blockages.
- Clean the opening in the door for air intake tube ③.
- Clean angled connector ② under running water. If necessary, replace it with the spare part supplied.
- Insert the brush in milk tube ④. Move the brush back and forth as far as possible until all milk deposits have been removed.



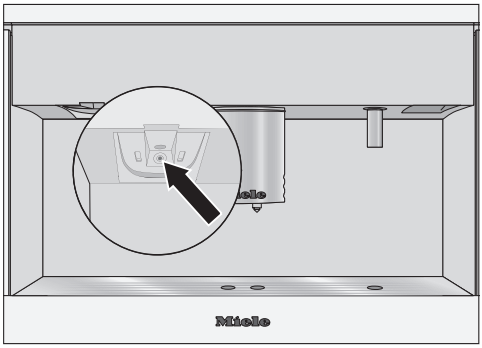
- Push the tubes back onto the angled connector and replace this in the machine.
- Re-insert the air intake tube into opening ③.

Step 3: Maintaining the milk valve and cleaning the milk pipework in the central spout

- Touch "Main menu" or the ⮌ sensor.
- Touch "Maintenance" ⓪.
- Touch "Clean the central spout".

The central spout will move into the maintenance position.

Important. You **must remove** the cleaning brush before confirming "Quit maintenance position" with "OK". Otherwise the coffee machine will be damaged.



- Insert the brush in the milk valve. Move the brush back and forth.
- Remove and dismantle the dispensing unit as described in "Cleaning and care - Central spout".
- Rinse all parts carefully under running water.

Use the cleaning brush to clean all parts **carefully**. In order to avoid pushing out the silicone parts, do not use a needle or similar implement.

- Reassemble the central unit and replace it in the central spout.
- Replace the cover.
- Touch "OK".

The milk valve will move into the correct position and the milk pipework will be rinsed through.

After Sales / Guarantee

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee, please contact:

– your Miele Dealer

or

– Miele (see back cover for contact details).

Please note that telephone calls may be monitored and recorded for training purposes (UK only).

When contacting your Dealer or Miele, please quote the model and serial number of your machine. These are shown on the data plate inside the machine.

N.B. A call-out charge will be applied for service visits where the problem could have been resolved as described in these instructions.

Guarantee

For information on the appliance guarantee specific to your country please contact Miele. See back cover for address.

In the U.K. your coffee machine is guaranteed for 2 years from the date of purchase. However, you must activate your cover by calling 0845 365 6640 or registering online at www.miele.co.uk.

Changing the following settings from their factory default will increase the energy consumption of the coffee machine:

– Eco mode

– Lighting

– Time of day display

– Timer

When altering these settings, the message "This setting increases energy consumption" will appear in the display.

Notes on connecting to the mains water supply

Connection to the mains water supply should only be carried out by a qualified and competent person.

Disconnect the coffee machine from the mains electricity supply before connecting it to the mains water supply.

Close the stopcock before connecting the water intake hose to the machine.

The water quality must conform to the requirements for drinking water in the country the machine is being installed in.

The coffee machine meets the requirements of IEC 61770 and EN 61770.

Connection to the household water supply must comply with current national and local safety regulations in the country in which the coffee machine is being installed.
All items used for connecting the machine to the mains water supply must comply with current national and local safety regulations in the country in which the machine is being installed.

The machine is only suitable for connection to a cold water supply, which

– is connected directly to the fresh water supply, to guarantee circulation of water throughout the system.

Avoid laying the water hose in such a way that water can collect in it, as this can affect the taste of the drinks.

– The machine is constructed to comply with the relevant DIN standard and may be connected to the mains drinking water supply without a non-return valve if national regulations permit.
– The water intake hose must be able to sustain operating pressure.
– The water pressure (flow rate) must be between 1 and 10 bar (10^5 and 10^6 Pa).
– The stainless steel hose supplied is 1.5 m long and must not be lengthened.
– The water intake system must comply with hygiene regulations.
– A stopcock must be provided between the stainless steel hose and the household water supply to ensure that the water supply can be cut off if necessary.

The stopcock should be easily accessible after the machine has been built in.

A faulty stainless steel hose must only be replaced by a genuine Miele replacement hose (available from Miele). Make sure that the water hose is suitable for food use.

Fitting the stainless steel hose to the coffee machine

Make sure that the stainless steel hose is not kinked or damaged. The stainless steel hose must **not** be shortened.

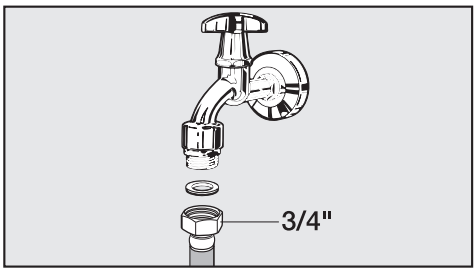
- Remove the cover from the mains water connection at the back of the coffee machine.
- Take the **angled** end of the stainless steel hose and check whether there is a washer. Fit one, if not.
- Screw the coupling nut on the stainless steel hose onto the stopcock.
- Ensure that all connections are watertight.

Connection to the water inlet

Before making plumbing connections, ensure that the machine is disconnected from the mains electrical supply.

Connection to the water supply should be carried out by a qualified plumber and should incorporate a stopcock with a 3/4" thread.

- Check whether there is a washer. Fit one, if not.



- Connect the stainless steel hose to the stopcock.

Use the hose supplied with the machine. Old or used hoses must not be connected to the coffee machine.

- Ensure that it is screwed into position correctly.
- Turn on the stopcock slowly and check for leaks. Correct the position of the seal and union, if necessary.

Proceed with building in the coffee machine (see "Installation").

Electrical connection U.K., ZA, IRL

All electrical work should be carried out by a suitably qualified and competent person only, in strict accordance with current national and local safety regulations (BS 7671 in the UK).

Installation, repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

Ensure power is not supplied to the machine until after installation work has been carried out.

The voltage and frequency are given on the data plate. Please ensure these match the household mains supply. The fuse rating is quoted on the plug.

The machine is supplied with a mains cable with moulded plug for connection to a 230 - 240 V mains supply.

Connection should be made via a fused plug and suitable switched socket which is easily accessible after installation.

Do not connect via an extension lead.

For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD). Contact a qualified electrician for advice.

If the socket is not accessible after installation (depending on country) an additional means of disconnection must be provided for all poles.

WARNING: THIS APPLIANCE MUST BE EARTHED

Non-rewireable plugs BS 1363

The fuse cover must be refitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words on the base of the plug (as applicable to the design of plug fitted).
Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

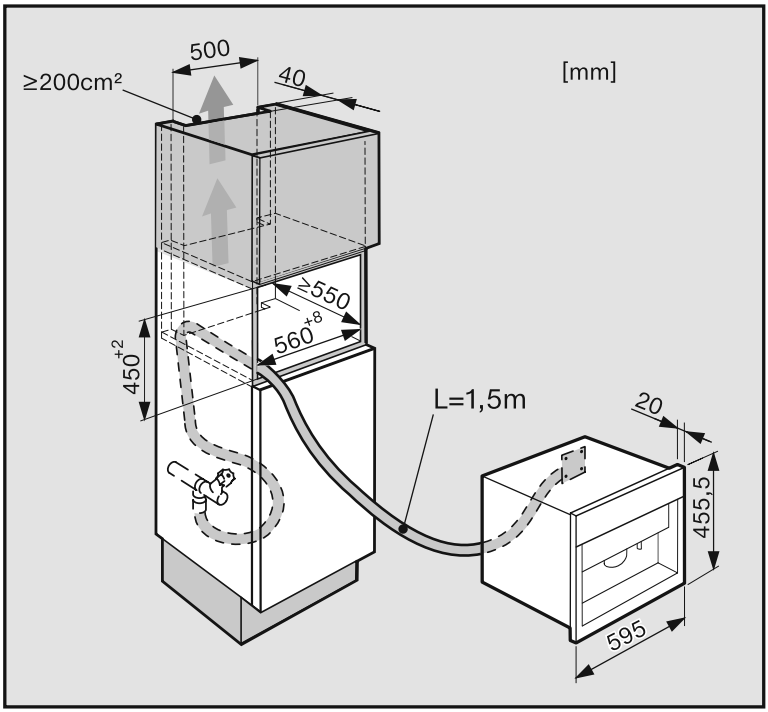
Do not connect the machine to an inverter such as those used with an autonomous energy source e.g. **Solar power**.

When switched on peak loads in the system can cause the safety switch off mechanism to be triggered. This can damage the electronic unit.

The machine must not be used with so-called **Energy saving devices** either. These reduce the amount of energy supplied to the machine causing it to overheat.

Building-in and combination options

The machine is designed for installation in a tall unit.



It can also be combined with other Miele built-in appliances. If the coffee machine is to be built in above another appliance, there must be a full-width, closed shelf between them (except when it is combined with a suitable Miele built-in plate or food warming drawer).

Some Miele warming drawers can be connected directly to a socket at the rear of the coffee machine using a special connection cable (available as an optional accessory) so that it can be switched on and off at the same time as the coffee machine.

Only a Miele plate or food warmer can be connected to the coffee machine: EGW 4000-29, EGW 5000-14, ESW 6x14, ESW 6x29.

Ventilation

Ensure that the back of the coffee machine is sufficiently ventilated so that steam and warm air can dissipate freely.

The ventilation gaps in the furniture housing unit and the gap between the top of the housing unit and the ceiling must be at least 200 cm^2.

Otherwise condensation can build up and damage the machine or the housing unit.

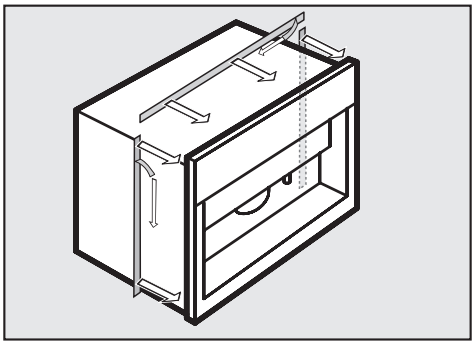
Installation

Before installation make sure that there is no power supply to the machine. This also applies should it ever need to be taken out of its housing unit.

The machine must be built in before it is operated. It is designed for use in ambient temperatures ranging from +15 °C to +38 °C.

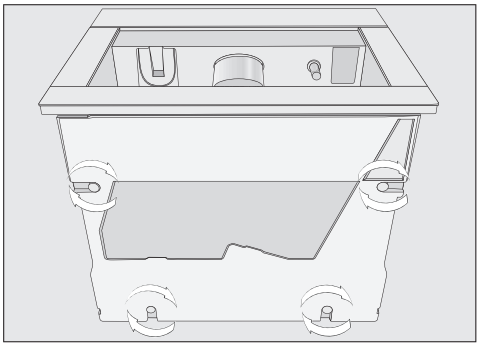
You will need two allen keys (size 3 and 5) for installing the machine.

To align the machine front with the furniture front ensure that there is a sealing strip provided all the way around the building-in niche or around the coffee machine.



- If the housing unit niche is not fitted with a sealing strip you should fit a Miele sealing strip to the machine before installing it. This is fitted from the back of the machine.
  This sealing strip is available to order from Miele.

Tip: It is useful to have somewhere at the height of the niche to place the machine on. This makes electrical connection and connection to the plumbed in water supply easier.



- Using the large allen key, unscrew all four feet underneath the machine out by approx. 2 mm.

The feet can be unscrewed by up to approx. 10 mm.

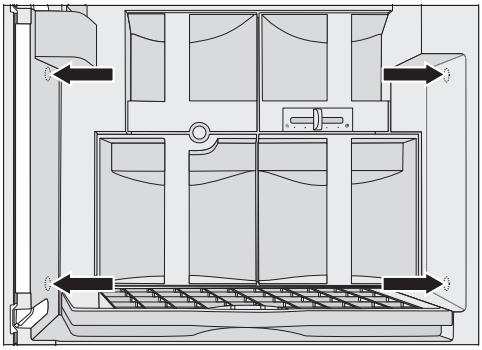
- Plumb the appliance into the mains water supply (see "Plumbed in water supply").
- Connect the machine to the electrical supply.
- Push it all the way into the niche until you feel resistance.

Take care not to damage the electrical connection when pushing the coffee machine into the niche.

- Check the height of the machine to make sure that it is sitting centrally in the niche and that it is level. If this is not the case, realign the machine with using the four feet underneath.

Four M5 hexagon socket screws are supplied for aligning and securing the machine in its niche.

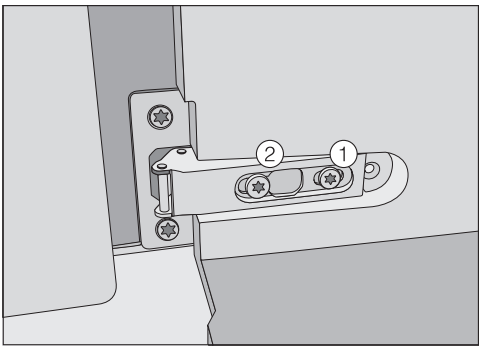
- Open the front of the machine and partially tighten the side socket screws.



- Carefully turn lower socket screws to centre the machine in the niche.
- Tighten both upper socket screws by hand to secure the machine in the unit. Do not overtighten them.

Adjusting the hinges

If the machine front becomes difficult to open or close after installation you can adjust the hinges to realign it:



- Turn screw ① to align the front of the machine so that it is flush with the front of the housing unit.
- Turn screw ② to align the front of the machine horizontally and vertically.

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For source code requests please email info@miele.com.

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